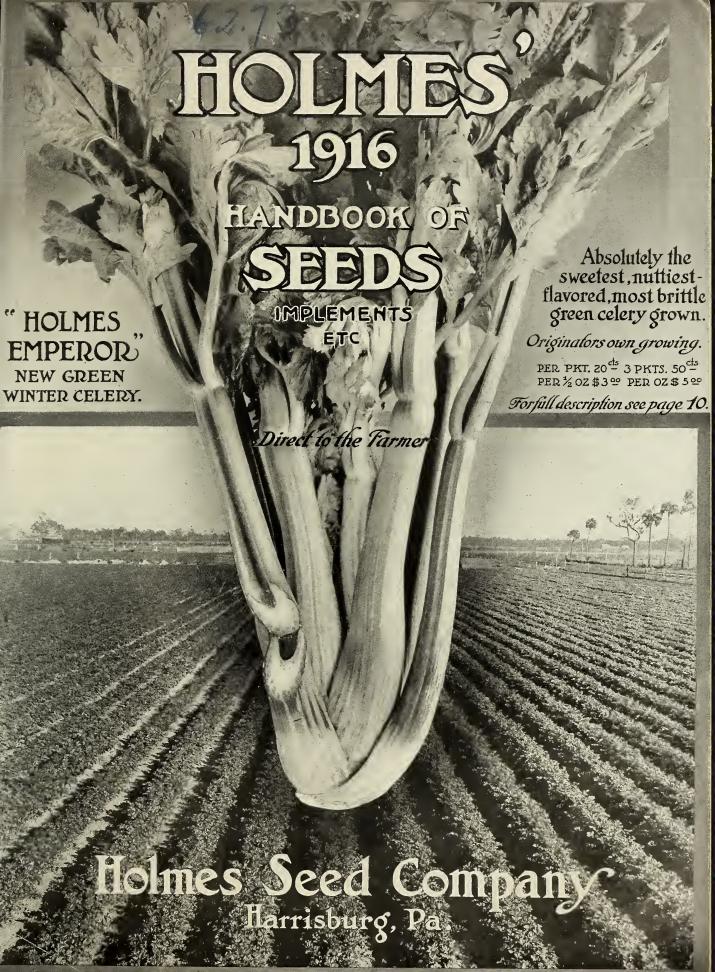
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





SATISFACTION GUARANTEED

OR YOUR MONEY BACK

All Seeds or other articles listed in this Catalogue are sold with the understanding that should they fail to please, we will refund the price paid or duplicate your order free

BULK SEED DISCOUNTS

On a \$5 Order, Discount is 10 percent. On a \$10 Order, Discount is 15 percent. On a \$20 Order, Discount is 20 percent. This discount is allowed on all general orders for Flower and Vegetable Seeds in packets, ounces, quarter-pounds, pounds, pints, quarts, four quarts, pecks and bushels, when the order is for five or more items, but is not allowed on an order for a single item, nor on Potatoes, Onion Sets, Bulbs, Grass Seeds and Field Seeds, such as Field Corn, Oats, Barley, Cow-Peas, etc. On orders of packets or ounces amounting to \$1.00, deduct 20 cents from each one dollar sent.

We prefer giving our customers the advantage in good, solid money, than by offering premiums of books, and many other things with little or no value—with the cash discount you then can buy what you like.

DIRECT FROM MANUFACTURER TO BUYER

We have made arrangements with a number of manufacturers to make for us a line of Farming Tools, Implements, Engines, Dairy Supplies, Roofing, Fencing, and many other articles listed on pages in back of this catalogue, making it the most complete book of its kind published for the Farmer.

Prices. We have figured that if we sell at the prices we have made on all the lines outside of seeds, we are making only a small profit, and we know we can save you many dollars on anything you may need. Positively no discounts will be allowed on any article outside of seeds, and prices are net cash with order or 25% of the amount in advance and balance will be sent C. O. D.

Our Responsibility.

Our Company is incorporated under the laws of the State of Pennsylvania and our business methods are always open to the inspection of the public. We have built a good business on honest seeds and fair treatment; therefore, will take no the company is incorporated under the laws of the State of Pennsylvania and our business methods are always open to the inspection of the public. We have built a good business on honest seeds and fair treatment; therefore, will take no the company is incorporated under the laws of the State of Pennsylvania and our business methods are always open to the inspection of the public.

Our Standing.

The farmer has a right to know the standing of any business house before sending them his money. On this point we refer you to the Harrisburg National Bank or the Security Trust Company of Harrisburg, or any large manufacturing or business house that after you have once bought from us, like thousands of others, you will become our permanent customer.

Our Principle. Many people contend that it is impossible to build a business on honest principles. We do not believe this. We have, so far as we know, dealt honestly with every customer. If a mistake is made, it is our desire to correct it; and this we promise always to do, and you may depend upon it.

Quality First, then the Price.

Do not believe we are undersold just because other firms sometimes make lower prices on certain seeds.

But nine times out of ten, seeds of poor vitality are sent, which have been left over from past years, or an ak our customers always to consider the quality of an article when comparing our prices with those of any other firm, and to remember that we refuse absolutely to sell any but the highest grade of seeds.

Advantages to Mail-Order Buyers. Since the many thousand rural routes and parcel post routes have been established 'throughout the United States, it has become a great pleasure to the farmer to order his seeds or other enclosing postoffice order or check to pay for same and then receive that is required to make out a mail order on the order sheet which is sent with each catalogue, enclosing postoffice order or check to pay for same and then receive the seeds at his own door, free of all expense, should certainly be considered by the many thousand rural routes and parcel post routes have been established 'throughout the United States, it has become a great pleasure to the farmer to order his seeds or other darken or order sheet which is sent with each catalogue, enclosing postoffice order or check to pay for same and then receive the seeds at his own door, free of all expense, should certainly be considered by the many thousand rural routes and parcel post routes have been established 'throughout the United States, it has become a great pleasure to the farmer to order his seeds or other darken or dear which is same than the united States, it has become a great pleasure to the farmer to order his seeds or other that is required to make out a mail order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is sent with each catalogue, enclosing postoffice order on the order sheet which is seeds or other that is required to make out a mail order on the order sheet which is seeds or other

We Deliver Free. The prices quoted in the following list include prepayment of postage on all seeds by the packet, ounce, quarter pound, pound, pint and quart WHERE NOTED.

Safe Arrival Guaranteed. We guarantee the safe delivery of all seeds, plants, bulbs, etc., whether they may be sent by mail, express or freight.

Ask Your Dealer. If you prefer dealing with the small country store, then ask your dealer for Holmes' Seeds. If he does not have them, then send your order direct to us.

We Guarantee Our Seeds

to be pure and of strong vitality. If from any cause they should fail to prove such, we will refill the order or refund the price paid us upon receipt of satisfactory evidence from any customer that such was the case, but it crop any further than to refill the order or refund the amount paid us. See top of order sheet.

How to Remit.

We request that remittances to the amount of each order be sent with same and guarantee that full value will be received in good order by our customers. Money can safely be sent by postoffice money order, bank draft or cash by registered letter. We also accept postage stamps as cash for small amounts.

May we have the pleasure of receiving your order for seeds? We are confident that there will be no cause for you to regret having sent it. With best wishes for a good garden and bountiful field crops to each reader of this catalogue, we remain,

Yours very truly,

ORDER FOR HOLMES' TESTED SEEDS, ETC.

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treatr	READ	THIS L	ETTER	. We a	ssure ye	ou of th	e same treatment. We have hundreds of such and are at the disposal of our customers, if the	letters, received since endors	ing our	fair
HOLM	ES SEED	COMPA	NY, HAR	RISBURG	, PA.	projec for	r your very fine seeds and your very kind treatment of	MANHEIM, PA., February	atil a foru	Troope
ago, w	hen our	attentio	on was a	ttracted r marke	by your	Harrish t, we can	burg Market Blood Beet, grown by one of our neigh me across one of your catalogues and noticed your no d sold in preference to all others. So we followed have ever since found that your seeds are strictly	bors. It was the best and large w Icicle Radish. We concluded	est early l to try it	beet; the
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HOLMES SEED COMPANY, HARRISBURG, PA.

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- 24 Early Beet
- 24 Early Cabbage
- 12 Midsummer Cabbage
- 24 Early Celery
- 12 Early Cauliflower
- 24 Head Lettuce
- 12 Early Tomatoes
- 12 Main Crop Tomatoes

144 for \$1.00

READ!

SPECIAL OFFER OF 12 DOZ. VEGETABLE PLANTS, VALUE \$1.50, for \$1.00, DELIVERED AT YOUR DOOR : : : : : :

This Collection will be ready to be shipped from May 10 to June 15, 1916

If you desire the above splendid offer, please enclose \$1.00 and mark line below with an X

SPECIAL PLANT OFFER FOR \$1.00

Holmes' Vegetable and Flowering Plants

PLANTS THAT GROW

Delivered anywhere East of Mississippi

"All Varieties" are grown from high quality seeds, packed "All Varieties" are grown from high quality seeds, packed a ventilated packages to reach you promptly in good growing ondition. We prefer to send small orders (2,000 plants or less) y Parcel Post, but FOR YOUR BENEFIT must insist that you GIVE BOTH EXPRESS and POSTOFFICE ADDRESS PLAINLY (state distance to each). Large orders will come EXPRESS PREPAID. YOU NEED PAY NO POSTAGE OR EXPRESS CHARGES on vegetable plants. SAFE DELIVERY GUARANTEED. Terms: Cash with order. Note hange of prices under different dates.

All varieties are grown. Mention what you prefer. When

All varieties are grown. Mention what you prefer. When no variety names are mentioned we will send what we believe

vill give you the best results.

Ready March 15 to June 25.

Asters—Beets—Lettuce

Doz. 15 cts. 3 Doz. 25 cts. 500—\$1.85 1,000—\$3.40 100-60 cts.

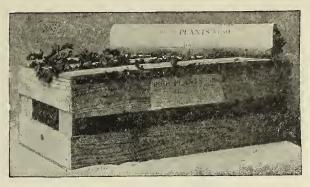
Early Cabbage—Tomato

Doz. 15 cts. 2 Doz. 25 cts. 100—90 cts. 500—\$3.25 1,000—\$5.50

Mammoth Pansies (In bloom)

Doz. 50 cts. 3 Doz. \$1.00 100-\$3.75 1,000-\$27.75

PRICES RIGHT



Cauliflower—Pepper

100—95 cts. 500—\$3.75 1,000-\$6.75 Doz. 20 cts. Ready April 25.

Coleus—Salvia—Scarlet Sage

Doz. 60 cts. 100-\$3.90

Early Celery

White Plume-G. S. Bleaching

Doz. 10 cts. 3 Doz. 25 cts. 500—\$2.65 1,000—\$4.50

HOLMES' FAVORITE PLANT COLLECTION

A complete Family Garden, twelve dozen plants (actual value \$1.50), PARCEL POSTPAID for only \$1.00.

2 Doz. Early Beets
2 Doz. Early Celery
2 Doz. Early Cabbage
2 Doz. Head Lettuce

I Doz. Midsummer Cabbage
I Doz. Early Tomato
I Doz. Early Cauliflower
I Doz. Main Crop Tomato
Much valuable time is saved when a large number of orders can be put up that are exactly alike. WHY NOT BUY THIS
COLLECTION and RECEIVE THE BENEFIT OF THIS SAVING. It is made up of the best varieties, and is arranged so you will have a nice succession of fresh vegetables throughout the entire summer and will add to your pleasure as well as your

Egg Plants

Doz. 25 cts.

3 Doz. 65 cts.

100-\$1.55

500-\$5.50

1,000-\$9.75

Sweet Potato Plants

Doz. 10 cts.

100-45 cts.

500-\$1.75 Ready May 25. 1,000-\$2.90

5,000-\$13.75

FIELD GROWN PLANTS

Millions of field-grown plants are grown and shipped to almost every state in the union. It matters not how large or how small your order may be, IT WILL PAY YOU TO BUY FROM US.

Cabbage—Beets—Lettuce

Doz. 10 cts.

profits.

3 Doz. 25 cts

100-45 cts.

500-\$1.00

1,000-\$1.50

5,000-\$6.90

Cauliflower

Doz. 15 cts.

2 Doz. 25 cts.

100-50 cts.

500-\$1.85

1.000-\$2.90

5,000-\$12.90

Ready June 10.

Tomato

Doz. 10 cts. 100-55 cts. 500-\$2.25

1,000-\$3.50

5,000-\$14.85

Ready June 25.

Celerv

Golden Self-Bleaching

Doz. 10 cts

4 Doz. 35 cts.

100-55 cts.

500-\$1.85

1,000-\$2.85

5,000-\$12.90

White Plume-Golden Heart-Giant Pascal-Winter Queen 1,000-\$2.00

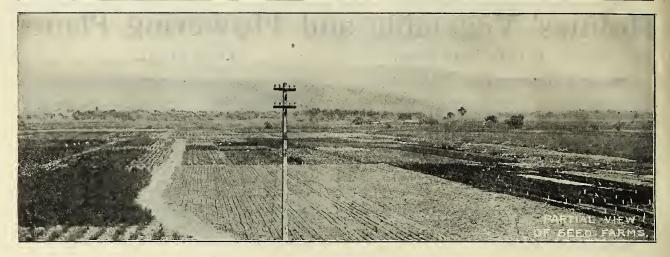
Doz. 10 cts.

3 Doz. 25 cts.

100-45 cts.

500-\$1.15

5,000-\$9.50



We call this Catalog "Holmes" Advance Agent

Since the Parcel Post has been inaugurated, it is now just as easy for the farmer to buy direct from our catalog as to call at our store or have our salesman call on you. "The Tested Seeds" offered by the Holmes Seed Co. are seeds of "Known Vitality and Purity," and are the best soil and good cultivation can grow. Forty years' experience enables us to know, and we realize that the farmer and home gardener must have the best that grows.

ARTICHOKE

Artischoke Articiocca

CULTURE—May be grown from seed sown in April, or from suckers taken from established plants.

The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

LARGE GREEN GLOBE. Grown chiefly for unripe flower heads, Pkt.

Oz.

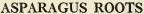
4 lb. delicious. ...\$0 05 \$0 25

ASPARAGUS

Szparagi

CULTURE—Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

Barr's Mammoth. Valuable for market; stalks large, F			Iail, Postpaid	
Dall S Maillillotti. ket; stalks large, F	kt.	Oz.	\$\frac{1}{4} \text{ lb.} \\ \$\frac{1}{20}\$	Lb.
tender, light. See illustration\$0	05	\$0 10	\$0 20	\$0 75
COLUMBIAN MAMMOTH WHITE. New vari-				
ety: valuable for its whiteness	05	10	25	85
CONOVER'S COLOSSAL. Mammoth, green, of				
largest size; extra good	0.5	10	20	. 75
largest size; extra good	03	10	20	73
Giant Argenteuil. Early, large, good, flavor sup'b, white	10	15	35	1 00
	10	13	33	1 00
PALMETTO. Thick, dark green shoots, early, uni-		40	25	0.5
form, disease-resisting	05	10	25	85
ACDADACI	TC	DOOTS		



Two years old; 2,500 roots are required to plant an acre.	By Exp. or Frt., Not Prepaid	
BARR'S MAMMOTH, and COLUMBIAN MAMMOTH 100	500	1,000
WHITE\$1 00	\$3 00	\$5 50
CONOVER'S COLOSSAL Old and well-known variety	2 75	5 00
GIANT ARGENTEUIL. Extra good, large	3 50 3 00	6 50 5 50
PALMETTO, or ECLIPSE. Early, prolific	3 00	5 50



Barr's Mammoth Asparagus



Broccoli

BROCCOLI

One ounce will sow a bed 40 feet square

CULTURE-Same as cauliflower.

Early Purple Cape. Heads of medium size, close, compact, brownish purple. Best suited to our climate, and of excellent flavor. Pkt. 5 cts., oz. 35 cts., ½ lb. \$1, lb. \$3.75.

BRUSSELS SPROUTS

Culture—The seed should be sown in April or May, and the plants cultivated like cabbage. The heads are improved by frost. An ounce of seed will produce 2,000 plants. Paris Market. Dwarf, with small, solid, tender heads, growing close along the stem. Pkt. 5 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.50.

Martinsville, N. J., Oct. 6, 1914.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: Yours of the 26th at hand and am pleased to be able to say that all of your seeds and plants have done fine this year and am more than pleased with the results obtained, as everything was fine and true to name. I would also like to thank you for your very liberal policy of adjustment that has been tendered to me and will send you a check to

cover my account.

Thanking you for past favors, I remain,

Yours very truly,

A. G. BLAUVELT.

Holmes Seed Co., Harrisburg, Pa.

Loyalton, Pa., Oct. 15, 1915.

Gentlemen: It gives me great pleasure to say that all your seeds did remarkably well with all the unfavorable weather conditions which existed the last summer. I made a specialty of your Jersey Pickles, Early Sweet Corn, and Celery, and was more than pleased with results. Hope I may have the pleasure of coming to your place of business again the coming spring. I remain,

Very truly yours,

WM. L. GAUGLER.





Field of Giant Green-Pod Valentine Bean. Pods at left shown one-half natural size

BEANS

Bohnen Fagiuoli Fasola

D. Evo or Fet

CULTURE—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to roo feet of drill. One and a half bushels per acre. We put up liberal-sized packets at 10 cts., postpaid.



Giant Green-Pod Stringless Valentine Bean

An Extra-Early, Green-Podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. Ready for market in 45 days

One of the best green-podded Beans in the entire list, either for the home garden or for market. It is very early, exceedingly prolific, with pods fully one-third longer than the old standard Red Valentine. The pods are round and handsome and without any string. See illustration. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Bountiful Bush

The first in the spring; last until fall; absolutely stringless

This is a flat-podded green Bean; enormously prolific and continuous bearer; early and late; absolutely stringless; very tender and excellent flavor. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Stringless Green-Pod

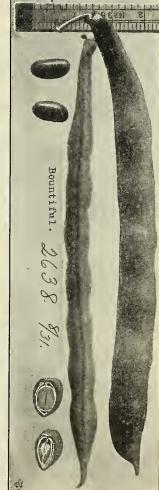
Absolutely stringless, of fine flavor; the earliest green-podded Bean. Without any exception it surpasses all others in crispness and tenderness. The pods are absolutely stringless and ready to market two weeks earlier than the best stock of other early Red Valentines. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Black Valentine

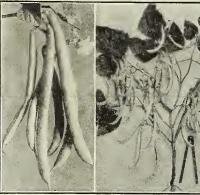
Very popular in the South for shipping to market, being a very vigorous, strong grower, making a long, handsome Bean, very meaty and one of the best and most prolific market sorts. See illustration. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

DWARF GREEN-PODDED SNAP-SHORT BEANS

	By I			or Frt.,
	Post	paid	Not P	repaid
	Pt.	Qt.	Qt.	4 qts.
BEST OF ALL. Round; long; glossy green; fleshy pods	20	30	25	
	20	30	43	\$1 00
Dwarf Horticultural. An excellent green-podded sort	35	50	40	1 50
EARLY CHINA RED EYE. Very early; old standard sort	30	45	35	1 25
EARLY MOHAWK. Very early and hardy; long, flat, straight pods	30	45	35	1 25
	30	45	35	
LARGE WHITE MARROWFAT. For winter use	30	45	33	1 25
Longfellow. Perfectly round; early; prolific; pods solid, fleshy	35	50	40	1 50
LONG YELLOW SIX WEEKS. Early, with full, flat green pods	35	50	40	1 50
TOWNS CHIADION BUSH Brown linds for malife	35			
LOW'S CHAMPION BUSH. Exceedingly fine; prolific	33	50	40	1 50
New Hodson Green-Pod. Long, straight, round, green				
new Houson Green-1 od. pods	35	50	40	1 50
RED KIDNEY	30	45	35	1 25
			00	1 40
Refugee, or 1,000-to-1. Late; hardy; very productive	35	50	40	1 50
REFUGEE EXTRA EARLY. Very prolific; exceptionally free from strings	35	50	40	1 50
ROUND YELLOW SIX WEEKS. Very prolific; semi-round pods	35	50	40	1 50
	20	50	40	1 50
Tennessee Green-Pod. Excellent shipper; medium to late;				
	35	50	40	1 50
WHITE KIDNEY. Medium-sized pods; coarse; dark green; late	30	45	35	1 25
WHITE NAVY. Sure cropper; prolific; good quality; early	30	45	35	1 25
trace and the bare cropper, prome, good quanty, early	00	40	33	1 43



Bountiful Bush Beans









Turn to page 1, the Greatest Plant Offer ever made. 12 doz. Vegetable Plants all ready to put in your garden, only \$1.00, postpaid

Sure-Crop Wax

Stringless Refugee Bean

B's Stringless Green Pod

Round Pod Kidney Wax

New Round-Pod Kidney Wax Bean

The Meatiest, Crispest, Most Brittle and Entirely Stringless Bean Grown

Our customers have frequently asked for a round-podded Wax Beam possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle and free from rust; wonderfully early and productive. See illustration. Pkt. 10 cts., pt. 40 cts., qt. 75 cts., by mail, postpaid. By freight or express, not prepaid, qt. 60 cts., 4 qts. \$2.25.

Sure-Crop Stringless Wax

A dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring 7 to $7\frac{1}{2}$ inches long, more than $\frac{1}{2}$ inch wide, nearly $\frac{1}{2}$ inch thick, and of excellent quality. But this is not all. It is one of the most prolific Bush Beans known to the trade, and its bountiful crop of splendid Beans sells at sight. See illustration. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express, not prepaid, pt. 35 cts., qt. 50 cts., 4 qts. \$1.75.

Michigan White Wax

This splendid variety may be briefly described as a white-seeded Golden Wax. It is one of the earliest Bush or Snap Beans. The vines are very vigorous and unusually productive. The pods are golden yellow, fully as attractive as the well-known Golden Wax and of the same exceptionally fine quality. The seed is white, a most valuable feature, as the dried white Beans always have a market. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., postpaid. By express, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Dwarf Wax-Podded Snap-Short Beans

	By M		By Exp.	
BRITTLE WAX. Entirely stringless;	Postr	oaid Ot.	Not Pi Ot.	
long and meaty	35	50	40	4 qts. \$1 50
-				,
Currie's Rust-Proof				
Wax. Crisp; tender; no stringiness; delicious flavor	35	50	40	1 50
Davis' White Wax.				
Immensely productive; pods tough,				
with decided strings. Dry white seed.	0.5			
Desirable as a shell Bean	35	50	40	1 50
GOLDEN-EYED WAX. Early; hardy; prolific; popular market sort.	35	50	40	1 50
	33	30	40	1 30
HODSON WAX. Sturdy grower; productive; a market Bean	35	50	40	1 50
Holmes' Improved				
Silver. Pods silver - white; tender		Crop fa	iled	
IMPROVED RUSTPROOF GOLD-		_		
EN WAX. Improved strain	35	50	40	1 50
Improved Stringless				
Refugee Wax. Very productive:				
golden yellow pods; solid; brittle;				
stringless; quite early	35	50	40	1 50

Pencil-Pod Black	Pos	Mail, tpaid	By Exp.	
Wax. Pods long, pencil-like, tender and brittle	Pt. 35	Qt. 50	Qt. 40	4 qts. 1 50
PERFECTION WAX. Large, handsome pods; very showy	35	50	40	1 50
PROLIFIC GERMAN BLACK WAX. Early; round; stringless; black seed.	35	50	40	1 50
SADDLEBACK WAX. Entirely stringless; of fine quality	35	50	40	1 50
Stringless White				
Wax. Straight wax pods; meaty; entirely stringless. Most	25	50	40	1 50
desirable as shell Beans	35	50	40	1 50
tine Bean with wax pod	35	50	40 -	1 50
WARDWELL'S KIDNEY WAX. One of the best large-podded varieties.	35	50	40	1 50
and the same and the product of the same and				

Holmes' Improved Striped Sickle Bean

The Very Best Corn Bean. The Original Strain

This is, without doubt, the best green-podded Pole Bean for snap-shorts. As a corn Bean it has no equal; the pods are produced in large clusters in great abundance and over 6 to 7 inches in length. Dark green; roundish flat; very thick and fleshy; brittleness retained until fully developed; of unusually rich flavor. The dry Beans are light brown, striped with black; excellent for winter use. Pt. 30 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Dwarf Bush Lima Beans FORDHOOK BUSH LIMA

Fordhook Bush Lima has an ideal bush growth and bears tremendous crops. The Beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large Beans. See illustration. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, peck \$2.75.

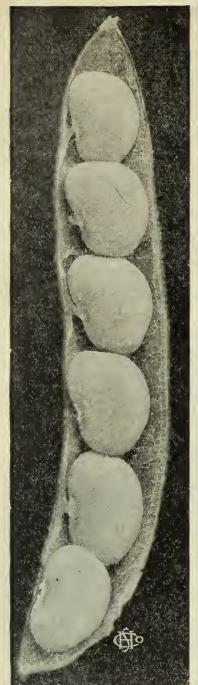
Burpee's Improved Bush. Enormous pods, borne and very early. These are the largest pods of any of the Bush Lima Beans; vigorous bush with heavy foliage; plants uniformly upright. Pods 5 to 6 by 1½ inches. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, peck \$2.25.

Burpee's Bush Lima. Bushes 18 to 20 inches; immense yielder. Pt. 25 cts., qt. 40 cts., peck \$1.75.

DREER'S BUSH LIMA. Bush form of pole sort of same name. Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 30 cts., peck \$2.

HENDERSON'S BUSH LIMA. True bush variety, 18 to 20 inches high; early. Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

Miller Bros., Elmira, N. Y., write: "In reply to your inquiry concerning your garden seeds, we will say that we have bought almost exclusively from you for the past eight or nine years, and expect to continue to buy from you. That ought to be the best evidence that your seeds have given satisfaction."



Actual Size

tirely stringless.
WHITE DUTCH CASE-KNIFE. Flat pods.....

HOLMES' GREEN PROLIFIC POLE LIMA

GROWS GREEN, KEEPS GREEN AND DRIES GREEN. THE ONLY LIMA BEAN THAT IS ABSOLUTELY GREEN WHEN DRIED

The most productive Pole Lima Bean, as early as the Early Jersey and unquestionably the most prolific of all Pole Limas. See below.

Lima Beans

CULTURE—All Lima Beans are very susceptible to rotting in cold, wet ground, and should not be planted until warm weather fairly sets in. One quart of Lima Beans will plant about 100 hills, allowing four to five Beans to a hill; 20 quarts will plant an acre in hills 4 x 4 feet. Poles 8 to 10 feet long should be firmly set in the hill before planting the seed. Poles should be set 4 feet apart each way.

WHAT THE GROWERS SAY

MESSRS, GEO. R. PEDRICK & SON, who grew this Bean for us this year, write: "The Holmes' Green Prolific Pole Lima Bean, which we grew for you this past season, was one of the most productive Pole Limas we have ever seen growing, bearing large clusters, six to eight pods, containing five to six perfect formed Beans as large as the King of the Garden or Large White Lima of true dark green color, which has long been sought by many seedsmen, and we believe this is one of the novelties which has come to stay that has merit. In flavor they are delicious and tender."

ORIGIN

ORIGIN

This Pole Lima was originated in Philadelphia over sixty years ago by Mr. Lafferty, a market gardener, in the "Neck"—that portion of South Philadelphia lying between the Delaware and Schulykill Rivers. Mr. Lafferty was a gardener of renown who made a specialty of growing Lima Beans for family and hotel trade, and being a very careful gardener succeeded in the course of his lifetime in producing this Bean. Through careful selection of the Beans, close observation and long years of application, he finally became known in his locality as the best grower of Lima Beans in the "Neck." He cherished this Lima Bean and was careful to keep it to himself until he died, when his son, Godfrey, brought it to Mr. Wm. K. Harris, the noted florist in Philadelphia, about twenty years ago, and he has used his best endeavors to keep it as true as the original type.

WHAT WE FOUND OUT—PODS

In our crop which we grew this year, we find the Bean equals the

In our crop which we grew this year, we find the Bean equals the Early Jersey or any other variety for earliness, and is by far more productive than any other Pole Lima we have ever seen grow. It is not like the Mastodon Lima, which retains only a portion of the green coloring in the dry Bean, but each and every Bean of Holmes' Green Prolific Pole has that true, distinct, deep green color which insures the color when the Beans are shelled for market. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six Beans in a rod. Beans in a pod.

Pole Lima Beans

Holmes' Green Prolific Pole Lima. keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness and is more productive than any other Pole Lima we have ever seen. See illustration. Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

peck \$1.50.

Carpinteria Lima.

Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

DREER'S IMPROVED LIMA. A thick, almost round Bean; fine quality. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

EXTRA-EARLY JERSEY LIMA. Much earlier than Large White Lima. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

EXTRA-EARLY JERSEY LIMA. Much earlier than Large White Lima. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

KING OF THE GARDEN LIMA. Very prolific and heavy bearer. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

LARGE WHITE LIMA. The old favorite. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

SMALL WHITE, or CAROLINA SIEVA. A small seedling variety. Pt. 25 cts., qt. 35 cts., peck \$1.50.

Trucker's Delight Extra-Early Li-

Trucker's Delight Extra-Early Lima. The green shelled Beans are of immense size, tender and succulent. Pt. 25 cts., qt. 40 cts., postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

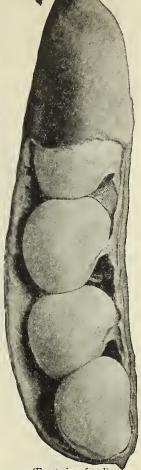
WAX-PODDED POLE, or RUNNING

CULTURE—After settled warm weather, set 4 to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep; thin to four plants. One quart to 150 hills; 12 to 15 quarts to acre.

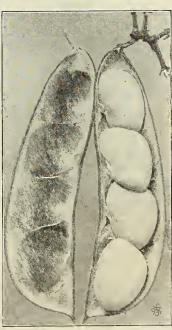
By Mail,
Postpaid
Not Prepaid
Other Physical Processing 1 feet apart, the poles being 3 feet apart in the row. One quart to 150 hills; 12 to 15 quarts to acre.

Not Prepaid

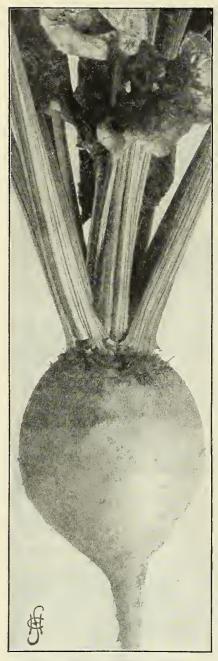
Early; thick, flat Pt. Early Golden Cluster Wax. Early; thick, that pods; prolific... Qt. Qt. \$2 00 2 00 golden-yellow.... 30 45 35 2 00 GREEN-PODDED POLE, or RUNNING GOLDEN CARMINE-PODDED HORTICULTURAL. Early; Pt. Qt. Qt. 35 Pk. \$1 75 1 50 Pt. 25 35 1 75 1 60 White Creaseback Pole. Earliest snap - shorts; very productive; en-



(Exact size of pod) Fordhook Bush Lima



Trucker's Delight Lima Bean



Holmes' White Top Blood Turnip Beet

A NEW BEET OF SUPERIOR MERIT HOLMES' "WHITE TO JRNIP BEET

A BEET THAT ADVERTISES ITSELF

For the past seven years we have been working up the stock of this particular beet, making our selection carefully from year to year, getting it ready to put on the market as near perfection as we could possibly wish. Whoever saw an absolutely light green top beet with pure blood-red root? It is unique in this particular way; it is one of the most tender of beets, of delicious flavor, and is absolutely unsurpassed for quality by any beet that we know of. This grand new beet—HOLMES' WHITE TOP BLOOD TURNIP, is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth, regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in this new beet. It is an ideal main crop beet and outsells all others wherever it is known.

It grows its own trademark, namely light green top—all red color remains in the beet. Consumers soon learn to look for the green top and buy it in preference to all others. By buying this year you can control the market and make big profits. The demand for beets of excellent quality is unlimited. Why not plant a few acres to beets and increase your profits? Eight to twelve hundred bushels per acre can easily be grown from seed if you sow it early in May in drills 24 inches apart, thinning them to 4 inches in the row. The keeping quality of HOLMES' WHITE TOP BLOOD TURNIP BEET has no equal. You can store the roots in the cellar or in a pit until spring and they will cook more tender and sweet than ordinary varieties.

Our stock seed of this beet was produced from a single plant which was grown by Mr. W. Tracy, of the Department of Agriculture, Washington, D. C. In conversation with Mr. Tracy, he remarked that this was the most unique novelty of the kind that he had ever seen, and he thought it was entirely distinct from any other beet he knew of and especially from the beet that was called the Cheltenham, and furthermore said in his opinion we had a great novelty. Mr. A. S. Di For the past seven years we have been working up the stock of this particular beet, making our

Barbabietola

Rübe BEETS Buraki

CULTURE—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow first week in May; for winter, sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow 5 pounds to the acre. Our selected stock of Beets is uniform and of fine quality. French-grown Beet seed is far superior to that grown in America, producing Beets uniform in every respect. Ours is French,

GENERAL BEETS

PRICES

(Delivered free in the U. S. unless otherwise noted)

	BEET. (1 oz. to 50 feet of drill; 5 lbs. per acre in drills.)	701	By Mail, F		
	BASTIAN'S BLOOD TURNIP. A fine second early,		Oz.	½ lb. 20	Lb. 75
i to	ollowing Egyptian and Eclipse	05	10	20	13
	of medium size, uniformly round; color, deep crimson				
0	hroughout; exceedingly tender and sweet and a good				
1	moughout, exceedingly tender and sweet and a good	05	15	35	1 00
	Crosby's Egyptian. Very early and of excellent quality; small				
	rosby s Egyptian. cellent quality; small				
		05	10	30	1 00
T T	Detroit Dark Red. A fine strain of turnip- shaped Beet. Valuable				
	shaped Beet. Valuable				
	or its remarkable uniformity and smoothness; size medium;				
	lesh fine grained, tender and remaining so for a long time;	0=	10	30	1 00
a	dmirable for either early or late	05	10	. 30	1 00
	DEWING'S IMPROVED BLOOD TURNIP. Handsome, mooth and round, tapering at the base; flesh strongly			•	
	oned, of fine quality	05	10	25	75
	DARK STINSON. Roots good size; tops small; flesh	00	-0		
	ine grained, free from any woodiness	05	10	30	1 00
	EARLY BLOOD TURNIP. A standard variety, follow-				
1 /Ak	ng Eclipse in earliness; quality, excellent; color, deep				
b	lood-red; the tops make excellent "greens"	05	10	20	75
E	CCLIPSE. Extremely early; of uniform globular form;				
g	lossy red, flesh fine grained and unusually tender and	0=	10	25	75
ST 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	weet	05	10	43	13
Holmes' White Top Blood Turnip Beet	weet				
	ood size; tops small; flesh red and excellent quality;				
ge	no for late	05	10	25	75
EGYPTIAN A standard extra early sort being to to	ne for late				
follog and flattened of good size and deep crimson in co	plore tons unusually small	05	10	25	75
Holman' Parfacted Half Land	A Blood Beet of superior quality, tender, sweet and free from woody fibre; for slicing it is unequaled;				
nomies reflected fram Long.	free from woody fibre; for slicing it is unequaled;		4.0	25	
flesh of vivid rich red color. The bulbs, about 3 inches	s in diameter, are pear-snaped, with sielider tap foot	05	10	25 25	75 75
LENTZ. Leaves and roots are pale in color, but of deli	icious quality	05	10	43	13
LONG, SMOOTH BLOOD RED. An excellent late	variety, being a great improvement on the common Long	05	10	25	75
Blood and of intense dark red color		05	10	25	75 75
SWISS CHARD. Dencious for Spinach		0.5	-0		

MANGEL-WURZELS AND SUGAR BEETS

Futter Rüben

CULTURE—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. Fe	or stock feeding.	Long varieties	do best in dee	p soil;
round sorts in sandy soil. Five or six pounds will sow an acre.		By	Mail. Postpaid	
found sorts in sandy son. Five of six pounds will sow all acre.		Oz.	1/4 lb.	Lb.
COLDEN CLASS STREET, STREET, ST. C.		10	15	35
GOLDEN GIANT INTERMEDIATE. Keeps well; grows more than half above ground		10	15	35
GOLDEN TANKARD. Distinct; highly prized by dairymen.		10	13	35
LANE'S IMPERIAL SUGAR REET. American sort: productive		10	15	
MAMMOTH PRIZE LONG RED. Enormously productive		10	15	35
VILMORIN IMPROVED SUGAR. Not so large as others, but has as much sugar.		10	15	35
VILMORIN IMPROVED SUGAR. Not so large as others, but has as much sugar				

THE FOUR BEST BEETS MARKET-GARDENERS

HOLMES' EARLY SURPRISE BEET

For early or late planting

Since its introduction by us several years ago, this extra-early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich blood-red Beet, with fine grain and delicious flavor. Equally as good as the famous Harrisburg Market Beet, although a little different in shape. Especially valuable for market on account of extreme earliness and size. See illustration. Pkt. 5 cts., oz. 10 cts., ½ 1b. 30 cts., 1b. \$1, 5 lbs. at 85 cts. per lb., by mail, postpaid.

HARRISBURG MARKET BLOOD TURNIP BEET

The earliest and decidedly the handsomest distinct new Beet in cultivation

The Harrisburg Market Beet is well represented in the illustration given. It is of true, turnip shape, has a single tap-root, a smooth skin, a rich, tender quality and is free from the woodiness so often found in early varieties. It is ready to use in 45 days from time of planting and does not become coarse or stringy with large size, like other varieties. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.25, 5 lbs. at \$1.00 per lb., by mail, postpaid.

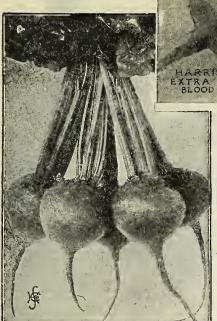
Wayland, N. Y., July 30, 1912. H. L. Holmes, Harrisburg, Pa.

Dear Sir: In reply to your favor of the 28th inst, would say that all of your seeds have given me good results and your Celery seed is the best I have used in some time.

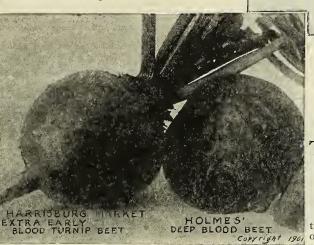
Trusting to see you this fall, I am,

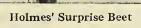
Respectfully yours,

THOMAS L. NORTON.



From Photograph





HOLMES' DEEP BLOOD TURNIP BEET

A valuable marketgarden variety

For several years we have been trying, at the instigation of many of our market-gardening customers, to secure a Beet which comes

early, is of deep blood color, and has small tops. We have succeeded in securing a variety that, while not as early as the Harrisburg Market, has the color and texture desired. From trials made at our trial grounds it proves to be the best deep blood Beet for both market and home gardeners. Pkt. 5 cts., oz. 10 cts., ½ lb. 35 cts., lb. \$1.00, 5 lbs., at 85 cts. per lb., by mail, postpaid.

Exceedingly tender, magnificent form and HOLMES BEET blood-red flesh

Extremely early, of perfect globe shape and of the finest quality. This Beet we sent out several years ago as No. 27, and the many excellent reports we received convinced us that it was a Beet worthy of introduction. Our trials also convinced us that it was a Beet far superior to anything we had yet introduced. In the words of one of our customers who planted this Beet for trial and who describes the qualities and merits, we give herewith:

"The sample of the new Beet, No. 27, was duly received and planted. I can truthfully say that it is the finest early blood Beet I have ever grown, coming in about the same time as your 'Harrisburg Market.' It has an exceedingly short top, is of good color and fine appearance, being very smooth, while it attains a good size rapidly. It readily sells on the market on its own merits, and I do not have to handle It has a single tap-root, without any additional roots."

(Signed) G. W. Houser, Fort Hunter, Pa.

Price, pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.35, 5 lbs. at \$1.25 per lb., by mail, postpaid.

Elmíra, N. Y., Aug. 29, 1912.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: In reply to your inquiry concerning your garden seeds, we will say that we have bought almost exclusively from you for the past eight or nine years and expect to continue to buy from you. That ought to be the best evidence that your seeds have given satisfaction.

Very truly yours,

MILLER BROS.

Holmes Seed Co.

Meadville, Pa., June 9, 1914.

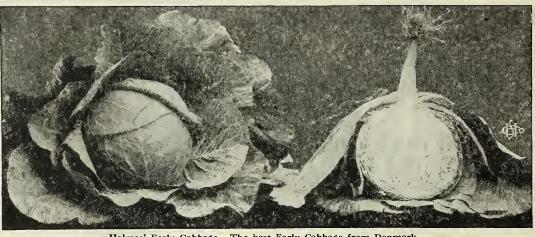
Dear Sir: I enclose order for \$29.35, amount for seed purchased. Am pleased with all seed sent and hope for good results. The man who drilled corn in for us said "he never saw such fine corn."

HOMER A. SELLARS. R. T.

CABBAGE PURE AMERICAN-GROWN TESTED SEED

Cavolo Cappuccio

Kopusta



Holmes' Early Cabbage. The best Early Cabbage from Denmark

Holmes' Early. The Largest Early Round-Headed Cabbage. Five years ago, as "No. 138," we sent out samples of this new Cabbage. season, growth, ability to withstand dry weather and hot sun, to do well in all soils in all parts of the country. It has been all we hoped it would be; in fact, from our own tests, and from reports received, it has far exceeded expectations. This new Cabbage combines two good qualities—large size and very early season. The heads are large, globe-shaped, almost as solid as the Holmes-Houser, finely ribbed, and of a yellowish green. The plants produce very few outer leaves. The great weight of the heads, for an early variety, will make it one of the most desirable sorts for the market gardener. Shipping long distances can be done with a less percentage of freight cost, as the weight is in small bulk. Resists blight and drought. See illustration above. Pkt.

Danish Ballhead, or Hollander. This Cabbage has few equals for winter use. It is highly prized in Denmark, and is grown there almost exclusively for winter by the originator in Denmark. Has the greatest weight in the smallest space. The quality is second to none. Pkt. 5 cts., oz., 20 cts., ½ lb. 50 cts., lb. \$1.75, 5 lbs. and over at \$1.50 per lb.

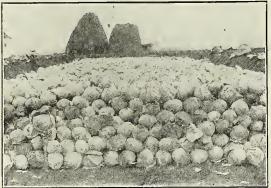


Danish Ballhead being set out for Seed

Danish Red Stonehead.

Vigorous, hardy, sure-heading, large and heavy, and, as it has a neat habit, requires small space and can be planted close together. The heads are solid, well shaped, and of a dark red clear through. Pkt. 10 cts., oz. 35 cts., ½ lb. \$1, lb. \$3.50.

Danish Roundhead. An earlier, shorter stemmed type of the Danish Ballhead. Danish Roundhead, with less outer foliage, is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. Imported direct from Denmark. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.75, 5-lb. lots at \$1.50 per lb.



The Holmes-Houser, or "H-H" Cabbage

Noted for its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

WHICH HAS WEIGHT AND SIZE

Danish Roundhead

Introduced by Holmes Seed Co. thirteen years ago, and selection ago to the comparison of the produced from this variety. To keep the seed pure and selection perfect, we entered heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered into a contract several years ago with Mr. Houser to supply us with one pound of seed of his own selection at a cost of \$50. This seed is then sent to Long Island to one of the best cabbage growers, where it undergoes a second selection. Our agreement with the grower is that we take the entire crop, and not a single ounce of this seed is to go to any other seedsman. Consequently, the pure and genuine stock can only be had direct from us, or from some of our regular wholesale dealers to whom we sell the seed.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. Look for the seaf on every package, and make your dealer show you our seal with our name on it.

A WARNING. It is absolutely necessary to plant out the Holmes-Houser Cabonate and we can not offer any true stock to our many customers, and positively will not send out anything but the true stock.

The crop of Cabbage this year was very short, owing to the climatic conditions. We would warn you against seed offered as Holmes-Houser by many unscrupulous dealers.

unscrupulous dealers.

Copenhagen Market Offered for the First Time in 1911. It Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Charleston Wakefield

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbage in the markets of Copenhagen. Market gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, 10-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator. Pkt. 10 cts., oz. 40 cts., ½ lb. \$1.50, lb. \$5. By mail postpaid.

For years we have given the selection of Cabbage seed particular attention. We have selected only such varieties as are certain to be

eties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

CULTURE — Sow in hotbeds in February, or still better, from September 10 to 20, and winter the plants over in a coldframe. Transplant, March 15 to April 15, about 20 inches apart, in rows 2 feet apart. For second early crop, sow seeds of early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July; the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000

Danish Roundhead

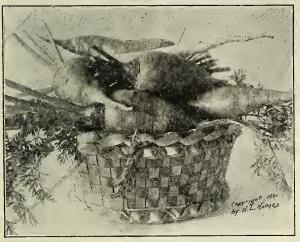
One ounce produces 1,500 plants, ½ lb. to be transplanted for an acre

EXTRA-EARLY VARIETIES

Farly Charleston Wakefield. Fine is the largest Early Cabbage, which we bred from the Early possesses all the valuable characteristics of the parent, with the advantage of the heads being 50 percent larger, though a few days later. Our strain of seed is very superior. EXTRA EARLY EXPRESS. Earliest of French Cabbage; small, pointed head. EARLY VORN. Very carly, producing small, oval-shaped heads. Allhead Early. A flat field, coming in with Early Summer; much larger. EARLY FLAT DUTCH. We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; smst valuable for forcing or for general crop. SECOND-EARLY, or SUMMER VARIETIES EARLY SUMMER. This peerless variety; it makes a large, solid, round flat head, coming about tandars later than Wakefield. SECOND-EARLY, or SUMMER VARIETIES EARLY SUMMER. This peerless variety; it makes a large, solid, round flat head, coming about tandars later than Wakefield. SECOND-EARLY, or SUMMER VARIETIES EARLY Guillity extra fine and a good keeper weight; quality extra fine and a good keeper quickly. Will stand hotsun and ry weather. FOTTLER'S IMPROVED FLAT BRUNSWICK. Large, solid heads; fine for early or late. Considered by many gardeners as second to none of the second-early varieties. ALTUMN KING, HENDERSON'S. The acknowledged "King" of all Winter Cabbages, excepting only Holmes-Houser, producing enormous solid heads, weighing 25-to 30 pounds; interior crips, fine-grained, white: splendid keeper. AUTUMN KING, HENDERSON'S. The acknowledged "King" of all Winter Cabbages, excepting only Holmes-Houser, producing enormous solid heads, weighing 25-to 30 pounds; interior crips, fine-grained, white: splendid keeper. STEIN EARLY FLAT DUTCH. An excellent variety for winter use and valuable for market-interior from the farmy fine-grained, white: splendid keeper. STEIN EARLY F					
Early Charleston Wakefield. This is the largest Early Cabbage, which we bred from the Early "jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all the valuable characteristics of the parent, with the advantage of the heads being 50 percent larger, though a few days later. Our strain of seed is very superior	Early Jelsey Wakelleid. with blunt peaks, and are remarkably solid. The outside leaves are small, though			• •	Lb.
possesses all the valuable characteristics of the parent, with the advantage of the heads being so percent larger, though a few days later. Our strain of seed is very superior. 85 25 75 EXTRA EARLY EXPRESS. Earliest of French Cabbage; small, pointed head 86 15 40 05 25 75 75 EARLY WININGSTADT. An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra earlies. 86 Allhead Early. A flat fiead, coming in with Early Summer; much larger. 87 26 CARLY FLAT DUTCH. We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop. 88 26 COND-EARLY, or SUMMER VARIETIES EARLY SUMMER. This peerless variety; it makes a large, solid, round flat head, coming about ten days later than Wakefield. 89 20 20 50 20 60 20 20 60 20 20 60 20 20 60 20 20 60 20 20 60 20 2		05	20	70	\$2 25
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Danish Red Stonehead Holmes' Perfection Late Flat Dutch. Our improved, highly bred strain of this old favorite Winter Cabbage will be found very superior	AUTUMN KING, HENDERSON'S. The acknowledged "King" of all Winter Cabbages.				
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	Sale Grop. (Same as Houseman's Late Flat Dutch.) A good strain.	05	20	50	1 75

If ordered by express or freight, deduct 10 cents per pound from prices quoted

PERFECTION DRUMHEAD SAVOY. The largest heading Savoy; a general favorite for both home use and marketing...



E CE

Möhren

Caroto

Marchew

20

2 00

60

One ounce will sow 100 feet of drills; three pounds an acre

Culture—A good, light, well-enriched sandy loam is the best for this crop. Market gardeners sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, so as to cultivate by horse. For early crops, over ½-inch deep, thin to 6 inches apart. For late, cover ¾ of an inch.

Please remember to deduct 10 cents per pound from these prices if ordered by express or freight at purchaser's expense

PRICES, DELIVERED FREE IN THE UNITED STATES, UNLESS OTHER-WISE NOTED

PLANTAGE CONTROL OF THE PROPERTY OF THE PROPER					
	NG SCARLET. A distinct, Pkt.	Oz.	⅓ lb.	Lb.	
	variety, with few and small and smooth; flesh red and with-				
	Fine for forcing and frame 05	10	30	90	
Chantenay	Half-Long Scar-				
	oted variety of handsome shape,				
medium car	rly, very productive and of fine 05	10	30	90	
Danvers Half-Long. A handsome, smooth, cylindrical stump-rooted varie	ety of rich, dark orange color;				
flesh of close texture, good quality, with but little co	ore	15	40	\$1 25	
EARLY FRENCH FORCING. The earliest, and largely grown for forcing. Small, almost glob	oular; roots orange-red in color 05	15	35	1 00	L,
Early Scarlet Horn. A popular early variety, 3 to 4 inches long and blunt-roo for market and is sometimes forced. A fine table Carrot	ted; it is a favorite for bunching				
cellent for soup		10	30	90	
LONG RED ALTRINGHAM. A shapely stump-rooted variety of medium size and the best	for private gardens, for summer				
use; medium early		10	30	90	
LONG ORANGE IMPROVED. An improved strain of this popular variety for either garder in length and 3 inches in diameter at the top; an enormous yielder and a good keeper	n or field culture, roots averaging	10	30	90	
Oxheart, or Guerande. Very distinct and desirable Carrot. Smooth, ha rooted; about 6 inches long, rapid grower and of	fine quality; color orange-red;	10	30	90	
			20		
WHITE AND YELLOW BELGIAN. Used principally for stock		10	20	60	

CAULIFLOWER

Blumenkohl Cavolofiore Kalafiory

Culture—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.

14 lb. \$8, lb. \$30. EXTRA-EARLY DWARF ERFURT. Good-sized heads; fine for open ground fall crop. Pkt. 15 cts., oz. \$2.50, ½ lb. \$7, by mail, postpaid. Holmes' Improved Early Snowball. A grand Cauliflower. For ground. See illustration. Pkt. 15 cts., oz. \$2.50, ½ 1b. \$7, by mail, postpaid.

VEITCH'S AUTUMN GIANT. A large-growing, late variety, splendid white heads. Pkt. 5 cts., oz. 60 cts., ½ lb. \$2, by mail, postpaid.



Stephen N. Green, of the Ohio Experiment Station, writes in the Market Growers' Journal, in the month of May, as follows:

"We are delighted to note that the Emperor Celery sent out in a limited way by the Holmes Seed Company three years ago, is now being introduced under the name of Fordhook-Emperor. This is a truly remarkable new Celery. In trials of 50 of the new and standard sorts it stood head and shoulders above the rest. If you grow late Celery, by all means give this variety a trial. If you are not satisfied with it your purchase money will be returned, but the situation will doubtless be that you will wish that you had planted 10 times as much.

Pine Grove, Pa., Jan. 21, 1915.

Pine Grove, Pa., Jan. 21, 1915.

Dear Mr. Holmes: I have never found a better Celery than the Holmes Emperor. It has a splendid flavor. Everyone that tasted it said it was the best thing they ever ate. Mrs. Levi Miller and I have our garden

together and we put away about 35 wheel-barrowsful of Celery in our ground cellar or dug-out as we call it. And it keeps very well. Mrs. Michael Rant told us about the seed and ever since that we only get the Holmes Emperor. We have nearly all our Celery yet and no sign of rotting and the outer leaves are as green as grass, while the hearts are white and yellow and crisp.

Yours truly, Miss Leah Roeder.

CELERY

Danish Giant or Dry Weather Cauliflower

Especially

adapted to resist drought

> Sellerie Sedano Selerv

CULTURE—Sow in finely prepared seed bed and keep the bed moist. In setting, prepare shallow trenches 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 4,000 plants; one pound will produce sufficient plants for an acre. These grow quickly, blanch easily and are especially adapted for fall and early winter use. early winter use.
ALL PACKETS 5 CTS., EXCEPT WHERE NOTED

HOLMES' NEW GREEN CELERY, EMPEROR

INTRODUCED BY HOLMES SEED CO., 1912

The finest flavored, most brittle Celery ever grown. See front cover

The finest flavored, most brittle Celery ever grown. See front cover
One of the largest seedsmen of the country said: "It is the greatest
novelty that has been introduced since the introduction of the Burpee's
Bush Lima Beans."

For seven years we have been selecting this seed and growing from individual
specimens to firmly establish the good qualities as given below:
First—To retain the flavor which, in the green state, is as fine as when bleached.
Second—Solidity, free from the hollowness so often found in many Celeries.
Third—The stems, instead of being moon-shaped, we have been breeding to as near
round as is possible, and are found only in "Holmes' Emperor," a distinguishing
characteristic not found in other sorts, and is fully established. When we say it surpasses every Celery known, you can rest assured we know. The market gardener
who grows Holmes' Emperor will find a ready sale for it. See testimonials below from
unsolicited parties.

Price of seed put up in sealed packages, Originators' own growing: pkt. 15
cts., 2 pkts. 25 cts., ½ oz. \$1.75, oz. \$3, ½ 1b. \$10, lb. \$30.

Burns, N. Y., October 14, 1912.

Holmes Seed Co., Harrisburg, Pa.

Dear Sirs: In regard to the sample of Holmes Emperor Celery which you sent us March 2, 1912, wish to say that we have given it a careful test alongside of several other green varieties from leading seedsmen and are pleased to say that this has turned out to be one of the best. Would be pleased to have you quote me price in pound lots or more on same stock as sample is from.

Yours respectfully,

I H SNYDER T. H. SNYDER.

Holmes' Emperor Celery Originators' own growing

Fullerton, Director Agricultural Development,
Medford, Long Island, N. Y., writes:
"I intended to write you long ago regarding the special strains of cauliflower you so kindly sent us for trial. It will please you to know that they panned out particularly well with us this year and we used ithem as earlies, which gave them a particularly hard strain, as the early cauliflower had exceptionally dry weather, as you know, this year, whereas the late flowers have done marvelously well, even on this record-breaking cauliflower-growing island of ours.

Your Snowball averaged all through the field large for this variety. The head was rather flattened, but as an offset this style of head was more than made up by smoothness and fineness. The Danish strain was uniformly medium size, well rounded, compact and with minute florets. It showed not a particle of riceiness, You have certainly secured two very excellent strains. I trust that this report will be of assistance to you. Director Agri-cultural De-

you.

IMPROVED GOLDEN SELF-BLANCHING CELERY

(FRENCH GROWTH) THE BEST EARLY CELERY

Critical Market Gardeners Say Ours is the Finest They Ever Had-Read Below

For some time past we have been carefully selecting the stock of this well-known Celery from the original strain. We believe now we have so far perfected it that when once grown you will have no other. The stalks are much broader than the White Plume and greatly superior in quality and is ready for market almost as soon, producing dwarfer and much larger bunches of fine, heavy stalks, which are crisp, tender and of nut-like flavor. We can recommend this particular strain to our customers. French grown seed. Pkt. 15 cts., ½ oz. \$1, oz. \$1.75, ½ lb. \$6.50, lb. \$20, postpaid.

Mr. Thos. L. Norton, Wayland, N. Y., writes: "All of your seeds have given me very good results, and your Celery seed is the best I have used in some time."

South Lima, New York.

"We found your Celery seed of 1912 and 1913 the best in starting of any we had." C. C. Mowris.

ALBERT D. STONER, Penbrook, Pa., writes: "Your French stock of Golden Self-Blanching Celery is an ideal strain. In fact, it is the finest strain of Self-Blanching I have ever used, and I have tried many other varieties from other seedsmen and have never had anything to equal this. You certainly can recommend it highly to the market-gardening trade. The photograph I had taken of a few stocks will show you how perfect it grows.

South Lima, New York, Dec. 3, 1014.

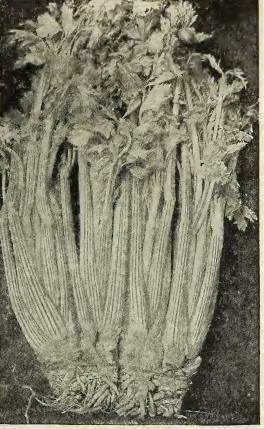
Holmes Seed Company, Harrisburg, Pa.

Gentlemen: We are making up a seed list for next year's use, posting our members where good seeds can be had and at what price.

The writer bought some of your Golden Self-Blanching Celery seed last year, and I wish to say to you that it was the best strain I had and I had tests from ten different houses. I wish you would quote us price from same stock you shipped me last year if you have any left over. Also quote us on your new seed if strain is good.

Very truly yours,

HENRY GREFFRATH. President N. Y. State Vegetable Growers Association.



Paris Golden Self-Blanching Celery

IMPROVED SNOWWHITE CELERY

The new Snowhite is a pure white, self-blanching Celery, introduced in 1902, after five years of careful selection and improvement. It is without a rival in purity of color. The originator says on this point: "In the season of 1900 I set 7,000 plants of Snowhite and found seven green stalks; in 1901, 3,000 plants and only one green stalk, and in 1002, 6,000 plants and not a single stalk that was not pure white. It does well where others fail." Mr. E. J. Hollister, the noted celery grower and author of a book on celery growing, also says: "The pearly whiteness of the stalks of Snowhite Celery denotes good constitution and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a photograph of two stalks, gives some idea of the beauty of this variety, but not of the size. Single stalks sometimes weigh 2½ pounds and quite frequently 2 pounds each. It grows solid on all kinds of soil and keeps better than many standard varieties. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4, postpaid.

EARLY VARIETIES

Holmes' Scarlet Plume. Practically identical with White Plume; solid, stringless, flavor delicious, crisp and nutty. Pkt. 5 cts., oz. 20 cts., ¼ 1b. 50 cts., Ib. \$1.75, by mail, postpaid.

Holmes' Selected White Plume. Earliest variety

grown; can be blanched for the table in September. Pkt. 5 cts., oz. 25 cts., ½ lb. 75 cts., lb. \$2.25, by mail, postpaid.

SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

	Bv	Mail, I	Postpaid	l
DWARF GOLDEN HEART. Large heart;	Pkt.	Oz.	1/2 lb.	Lb.
solid stalks, blanching golden yellow	0.5	25	75	\$2 25
Giant Pascal. Desirable green winter Celery.				
Long-keeping; robust, healthy, stocky, 2				
feet high	05	25	75	2 25
GIANT WHITE SOLID. Sold as large-				
ribbed Kalamazoo. Compact - growing	0.5			
variety	05	20	50	1 75
PERFECTION HEARTWELL. Splendid	0.5	25		2 25
for late use; excellent keeper; fine flavor	05	25	75	2 25
Winter Queen. Best late or winter keeper;				
ribs thick; very solid.	05	25	75	2 25
SOUP CELERY. (Old seed.) Excellent for				
flavoring		05	10	40

NEW COLUMBIA CELERY

A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Giant Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-Blanching, which it resembles when trimmed and bunched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety. Pkt. 10 cts., oz. 40 cts., ¼ 1b. \$1.50, lb. \$5, postpaid.

CELERIAC TURNIP-ROOTED

Knoll-Sellerie

Sedano-rapa

Brukwiana

Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

Large Smooth Prague. Almost round, uniform, smooth-skinned; free from side roots. Pkt. 10 cts., oz. 30 cts., ½ lb. \$1, by mail, postpaid.

CHICORY Cicoria selvatica

Cichorienwurzel Cukorya

Large-rooted, or Coffee. Largely used as an adulterant or substitute for coffee. Pkt. 5 cts., oz. 15 cts., 1 lb. 35 cts., lb. \$1, by mail, postpaid.

COLLARDS

Georgia. A substitute for cabbage, grown in the South. Leaves, when cooked, are tender and delicate. Pkt. 5 cts., oz. 15 cts., $\frac{1}{2}$ lb. 35 cts., lb. \$1, by mail, postpaid.

CORN SALAD Feldsalat

Large-leaved Fetticus, or Lamb's Lettuce. For late fall, winter and spring. Used as a substitute for lettuce. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Gartenkresse A Rzerzucha Agretto CRESS

Fine Curled (Pepper Grass). Quick-growing, crisp, pungent, refreshing. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 50 cts., by mail, postpaid. Water Cress. Seed may be started in pans or boxes of very moist earth and the young plants transplanted to shallow water along banks of ponds or running streams. Pkt. 10 cts., oz. 40 cts., ½ lb. \$1.25, lb. \$3.50, by mail, postpaid.



CUCUMBERS One ounce will plant about 50 hills; one to two pounds to the acre

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CULTURE—An ounce will plant about 50 hills. Sow about first of May, in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks; plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

Holmes' Special White Spine

This Cucumber can not be praised too highly. It is nothing more or less than an extra-fine type of what is unquestionably the best and most widely grown Cucumber in America. It is unsurpassed as a table and market sort, and is also used for pickling. No other kind exceeds it in productiveness and it is equally good for forcing under glass or growth in the open air. We have a record of where a single hill of three vines produced over 500 Cucumbers during the season. The fruit is from 5 to 7 inches long and 2 to 3 inches in diameter. Color, a beautiful dark green; straight, and does not turn yellow. The illustration shows most accurately the fine shape this Cucumber attains. Pkt. 10 cts., oz. 20 cts., ½ lb. 75 cts., lb. \$2.75, by mail, postpaid.

COOL AND CRISP. Extra early, tender and crisp, and a grand pickler. Pkt. 5 cts., oz. 15 cts., ½ lb. 30 cts., lb. \$1, by mail, postpaid.

Davis Perfect.

05 10 30 05 10 30 05 15 40 05 15 35 05 15 40

By Mail, Postpaid Oz. 14 lb.

Lb

1 00

15 40 1 50 15 40 1 50 15 40 1 50 15 40 1 50 45 15 40 1 50

Holmes' Perfect

lb. \$2, by mail, postpaid.

(1) Extra Long White Spine; (2) Long Green; (3) Boston Pickling; (4) Early Green Cluster

Once Grown, Always Grown

Its good qualities are its extreme earliness and prolificness. Very hardy, resisting unfavorable weather conditions; very dark green; attractive shape, and is a good size for slicing. A most profitable sort for shipping to distant markets. See illustration. Pkt. 10 cts., oz. 20 cts., ¼ lb. 75 cts., lb. \$2.75, by mail, postpaid.

SWEET, or SUGAR CORN Kukurudza

CULTURE.—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May I, and, for a continuous supply all summer, make plantings about two weeks apart, from May I until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, 8 to 10 quarts in hills for an acre.

Holmes' Premo

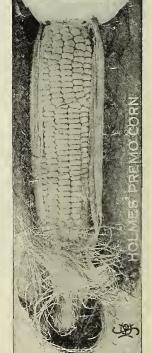
Ready for the Table 60 days after Planting. We originated and introduced this variety in 1900

One of the earliest and best Sweet Corns in existence. The best seed can be had only from the introducers. Market gardeners will make no mistake in planting this Corn for a money crop. It is a success, not an experiment.

Up to 1013 it has been the world's earliest Corn, and not only this, but it is also superior to nearly all in size, quality and yield. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm, or where long-continued rains follow planting. The stalks grow about 5 feet high and generally bear two uniformly sized, fine-appearing, well-developed and marketable ears, 7 to 9 inches long, to each stalk.

For years seedsmen over the country have been wanting a really first-class Sweet Corn that would come in with Adams' Extra-Early. Before introducing it we secured a small quantity of this Corn, and by actual test, side by side with many other varieties, it proved earlier by a week than all its companions.

Holmes' Premo is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full crop at the time of the very highest price. The stalks, which grow very strong and stiff, about 5 feet high, are free from smut and will grow in any soil, as well as resist drought and bad seasons generally to a very marked extent. See illustration. Prices, our own growing, pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 85 cts., peck \$1.50, bushel \$5.50.





Holmes' Delicious Sweet Corn

Named and Introduced by Us in 1907. A Most Delicious, New and Distinct Variety

In home gardens, market gardens and fields, Holmes' Delicious will set a new pace in Sweet Corn qualities. It is second early—will grow ready for market in 75 days from planting. It is droughtproof and does not smut. The stalks grow 5 to 6 feet high, and each one bears two or more marketable and well-developed ears, which are not so large as those of Premo and have 12 rows of grains. Can be planted early before cold, wet weather is all past. Try it. It's a good one. See illustration. Prices, pkt. 15 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. By freight or express, not prepaid, qt. 30 cts., pk. \$2.

Morse's Golden Cream Sweet Corn golden yellow country gentleman. Flavor delicious

GOLDEN YELLOW COUNTRY GENTLEMAN. FLAVOR DELICIOUS

The verdict has been unanimous in its praise. Everywhere it has proved a
much better Sweet Corn than we ourselves had anticipated, and we feel that it is
worthy of first place among vegetable attractions this season. The kernels
are long and pointed and are borne on a very slender cob in irregular rows.
In its green state the kernels are light yellow, but they cook to a bright golden
yellow. The stalks grow about 4 to 5 feet high and bear from two to four
ears. The shucks are tinged with brown and the tip of the silk is also slightly
brown. The ears vary in size, but average about 5 inches in length—rather
smaller than the old-fashioned Sweet Corn, but easily handled in eating. The
flavor is delicious and in sweetness and tenderness resembles both parents,
Golden Bantam and Country Gentleman. It is as early as the former,
being one of the first of the main-crop varieties. We hope every one of our
customers who has a spot in his garden will try it. Pkt. 10 cts., pt. 25 cts.,
qt. 45 cts., by mail, postpaid. By freight or express, not prepaid, qt.
35 cts., 4 qts. \$1.25, peck \$2.

Golden Bantam Sweet Corn

This Corn is extra early, very sweet and of a delicious flavor. As indicated in its name, the grain, when ready for use, is a rich, creamy yellow, deepening to an orange-yellow as it ripens. We do not recommend it as a market sort, as its color gives it the appearance of being old; but when once used it will be popular on account of its rich flavor. Pkt. 10 cts., pt. 30 cts., qt. 45 cts., by mail, postpaid. By freight or express, not prepaid, qt. 30 cts., 4 qts. \$1, peck \$1.75.

Howling Mob, New

The finest large-eard second-early Corn, of delicious flavor. In the vicinity of Pittsburgh the gardeners plant this extensively, as they claim it is far ahead of any other second-early Corn and sells on sight. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1, peck \$1.75.

prepaid, qt. 35 cts., 4 qts. \$1, peck \$1.75.

Holmes' Top-Notch

For several years we have been growing this variety. The Top-Notch strongly favors the Early Mammoth, but is much longer in the ears, measuring ri inches. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn for a late variety I ever used." It comes in about producing ears of immense size, delicious flavor and earlier than the Evergreen, will do well to give the Top-Notch a trial. It comes in at the time when Sweet Corn brings its best price. See illustration. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid. By freight or express, not prepaid, qt. 20 cts., peck \$1.25.

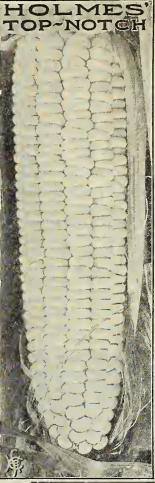
Holmes' Gold Coin Evergreen

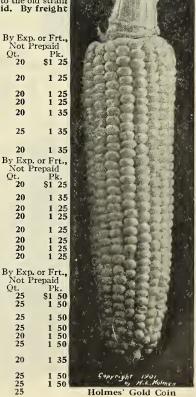
Every gardener in the world knows the Evergreen Corn. Our Gold Coin is a selected strain of the old Stowell's Evergreen, being more even and coming in even throughout the crop. We can recommend it as being far superior to the old strain and will test 90 percent in vitality. See illustration. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1, peck \$1.75, bushel \$6.

LIBERAL PACKETS OF ALL VARIETIES OF SWEET CORN, 10 CENTS EACH

FIRST-EARLY VARIETIES

FIRST-EARLY VARIETIES	Pos	tpaid		repaid
EARLY ADAMS, or BURLINGTON. Robust; early; productive; handsome ears for marketing, but of inferior quality.	Pt. 20	Qt. 35	Qt.	Pk. \$1 25
EARLY METROPOLITAN. Ears 9 inches long; 10 to 12-rowed, filled with luscious				
white milky kernels. Standard early of dwarf growth, coming in between	20	35	20	1 25
Early Minnesota. Standard early of dwarf growth, coming in between Cory and Crosby's; ears fair size, good quality EXTRA-EARLY DWARF ADAMS. Not Sugar Corn, but sweet and tender. Small ears.	20 20	35 35	20 20	1 25
Kendel's Early Giant. Large handsome ears; ready in 70 days	20	35	20	1 25 1 35
D O'D	20	0.0	20	1 33
Peep O'Day. New. Good early variety	25	35	25	1 35
WHITE COB CORY. Extremely early, usually fit to use in from 50 to 60 days; ears 6 to 7 inches; milky white kernels; sweet, tender. Plants dwarf	20	35	20	1 35
MEDIUM-EARLY VARIETIES	By	Mail,	Ву Ехр	or Frt.,
BLACK MEXICAN. Medium early, 8-inch ears, well filled with large kernels which,	Pos	tpaid Ot.	Not F Qt.	repaid Pk.
though black when ripe, are white when green and then exceptionally sweet	20	35	20	\$1 25
Clark's Nonesuch. Best large-eared, second-early Sweet Corn	20	35	20	1 35
CROSBY'S EARLY. Second early, of fine quality	20	35	20	1 25
EARLY MAMMOTH, or ASYLUM. Much earlier than Late Mammoth	20	35	20	1 25
New Early Evergreen. Ears as large as Stowell's; 10 days earlier	20	35	20	1 25
PERRY'S HYBRID. Second early; large, white kernels; sweet; tender	20 20	30 30	20 20	1 25 1 25
STABLER'S EARLY. Large eared; second early; sweet	20	30	20	1 25
LATE, OR MAIN-CROP SWEET CORN	By	Mail,	Ву Ехр	or Frt.,
Country Gentleman (Shoe-Peg, or Ne Plus Ultra). Ears 8 to 9 inches long; cob small and irregularly crowded	Pos	tpaid	Not F	repaid
with pearly white kernels of great depth; surpassingly sweet and tender	20	Qt. 35	Qt. 25	Pk. \$1 50
EGYPTIAN, or WASHINGTON MARKET. Fine for market; ears large	20	30	25	1 50
Henderson Sugar. An ideal midseason Sweet Corn	20	30	25	1 50
HICKOX. Earlier than Stowell's Evergreen; good for drying	20 20	30 35	25 20	1 50 1 50
MAMMOTH. Very late; ears 14 inches; broad, white kernels; superb quality MOORE'S CONCORD	20	30	25	1 50
Stowell's Evergreen. The standard late, for home, market and canning kernels long, tender and sugary	20	35	20	1 35
White Evergreen, with				
all its points of merit	20	35	25	1 50





Evergreen

Löwenzahn Papawa

alad. Cultivated sorts are larger and better flavored than those $\frac{1}{4}$ lb. 60 cts., lb. \$2, by mail, postpaid.

Eirpflanze Petr Jajokowa

Culture—Sow the seed in hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20. One ounce produces about 1,000 plants.

Black Beauty. The earliest variety that grows to a good size. See illus- Pkt. By Mail, Postpaid Oz. 35 tration NEW YORK IMPROVED PURPLE. Fruits very large; perfectly formed; fine quality. 3 00 Indivia

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CULTURE—For early use, sow in May, in rows 10 inches apart. For succession all summer, plant as much later each time as you wish it to bear. It will do well till midsummer. One ounce will sow a row

Broad-leaved Batavian. leaves GREEN CURLED. Crisp, dark green leaves; Holmes' Winter Golden	Heart.	Pkt. 05 05	By Mail, P Oz. 15 15	ostpaid 1/4 lb. 35 35	Lb. \$1 25 1 25
Exceedingly hardy; heads finely curled; pure leaves. See illustration		10	25	75	2 25
WHITE CURLED. Leaves pale green. Doe blanching	es not require	05	15	35	1 25



Black Beauty Eggplant

KALE, or BORECOLE

Kale is more hardy that cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet. Three pounds will sow an acre.

DWARF GREEN-CURLED SCOTCH. Beautifully curled; bright green; very hardy. Pkt. 5 cts., oz. 10 cts., 14 lb. 30 cts., lb. 80 cts., by mail, postpaid.

Holmes' Improved Dwarf German. (American-grown.) Like the above except in color.

This has a bluish tinge. Pkt. 5 cts., oz. 10 cts., ½ lb. 30 cts., lb. 80 cts., lb mail, postpaid.

SIBERIAN. Grows vigorously; green foliage with bluish tinge or bloom. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts., by mail, postpaid.

TALL SOOTCH. Same as the dwarf green, except that it grows taller. Pkt. 5 cts., oz. 10 cts., ½ lb. 30 cts., lb. 80 cts., by mail, postpaid.



KOHLRABI

Knollkohl Cav Kolorapa

Cavolo verde

(Turnip-rooted Cabbage)

CULTURE—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill of about 200 feet

about 200 feet.

EARLY PURPLE VIENNA. Rich purple. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., ib. \$1.75, by mail, postpaid.

EARLY WHITE VIENNA. Flesh white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75, by mail, postpaid.

GREEN, or WHITE. Good for table and stock feeding. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75, by mail, postpaid. mail, postpaid.

20

Peree, oder Lauch Porro LEEKS

CULTURE—Sow early in rows a foot apart, and cover an inch deep. When 6 or 8 inches high, set 10 inches apart each way, as deeply as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill. By Mail, Postpaid Oz. 1/4 lb.

Monstrous Carentan Leek Broad London Flag. Hardy; whole plant is edible...

MONSTROUS CARENTAN, or SCOTCH CHAMPION. Grows rapidly and is very hardy. See illustration.

CULTURE—For early crop, sow seed outdoors in September and transplant to coldframes as soon as large enough to handle, and winter like early cabbage. For later spring crop, sow in well-protected frames in February, and in hotbeds in March. For home use, sow in rows a foot apart early in spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.

Lattich, oder Kopfsalat Lattuga

Salata



Holmes' Zero Lettuce

Holmes' Zero Lettuce

Resists Heat in Summer and Stands Longer Than Any Other Lettuce Without Going to Seed

As hardy in winter as the winter Lettuce, Nansen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. See illustration. Pkt. 10 cts., oz. 20 cts., ½ lb. 70 cts., lb. \$2.50 postpaid.

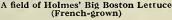
Holmes' Improved Grand Rapids Lettuce

Improved by Years of Selection; Grows Larger and Absolutely Free from "Rogues"

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads, but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1, lb. \$3.50, postpaid.







Holmes' **Improved** Big Boston Lettuce

(FRENCH-GROWN)

Quality Superb. Tender, free from any Bitterness. Absolutely will not turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close

By Mail, Postpaid Oz. 14 lb. 15 35

A field of Holmes' Big Boston Lettuce and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name "Holmes' Improved" so as to distinguish it from any other strain on the market. Sole only under seal, See illustration. Pkt. 10 cts., oz. 40 cts., ½ lb. \$1.25, lb. \$3.50, by mail, postpaid.

For ordinary Big Boston Lettuce as usually sold by other seedsmen, see general list.

Holmes' Perfect Lettuce

A fine all-round Lettuce. It is an exceedingly quick grower with handsome buttery head, and can be used for both early and late sowings. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration. Pkt. 10 cts., oz. 20 cts., ¼ lb. 75 cts., lb. \$2.50, postpaid.

Head Lettuce

		By Mail,	Postpaid	
BOSTON MARKET. (Private Stock.) Ideal for forc- I	Pkt.	Oz.	1/4 lb.	Lb.
ing; fine quality; tender, sweet, crisp	05	15	35	\$1 00
CALIFORNIA CREAM BUTTER. Produces large, solid				
Head of Holmes' Improved Big Boston Lettuce, heads in cool weather.	05	15	35	1 00
DEAGON. Large, in in heading, fine buttery quanty	05	15	35	1 00
DEIVER WAINET. Large, sond heads, leaves	0.5	15	35	1 00
turn red. (French-grown.) crimped. HOLMES' GIANT CRYSTAL HEAD. Exceeds every	05	15	35	1 00
other variety in size and productiveness. Fine flavor, crisp, tender.	05	15	50	1 75
BIG BOSTON. Plants large; very vigorous; broad, comparatively smooth, hard, light green leaves.	05	15	50	1 75
	0.5			1 73
Holmes' Perfect. A fine all-round Lettuce, exceedingly quick grower, with handsome, buttery head	10	20	\$1 75	2 50
HOLMES' RAPID FORCING. Solid, golden-yellow heads; crisp, tender.	05	20	70	2 50
IMPROVED HANSON. A large, flat head, resembling that of cabbage; very tender and sweet	05	15	40	1 25
MAMMOTH BLACK-SEEDED BUTTER. Enormous head; tender, sweet and crisp.	05	15	35	1 00
May King. Handsome; early; compact-heading variety; quality extra fine	05	15	35	1 00
NEW ICEBERG. Heads hard, tender, crisp.	05	15	40	1 25
	03	13	40	1 20
New York, or Wonderful. Immense heads; solid, crisp, tender, delicious	05	20	50	1 50
PHILADELPHIA DUTCH SPECKLED BUTTER. Large heads; excellent quality	05	15	35	1 00
PHILADELPHIA EARLY DUTCH BUTTER. Heads very compact; for forcing	05	15	35	1 15
PHILADELPHIA WHITE CABBAGE. Large-headed summer variety	05	15	35	1 15
SALAMANDER. Good-sized, compact and tender heads, creamy white inside; rich, buttery flavor	05	15	40	1 25
TENNISBALL, BLACK-SEEDED. Very early, small, hard-heading variety	05	15	35	1 00
Thick Head Yellow. Extra fine, large, summer variety.	05	15	40	1 25
YELLOW-SEEDED BUTTER. Large, dense, yellow head; crisp, tender; fine flavor.	05	15	35	1 00
The state of the s	00	10	00	2 00

Curled, or Cutting Lettuce

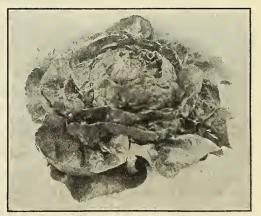
This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking. The best are:
BLACK-SEEDED SIMPSON. Large, loose heads; curly, yellow leaves. EARLY CURLED SILESIA. One of the best cutting varieties ... EARLY CURLED SIMPSON. Yellowish green; curly; earlier than head Lettuces. EARLY PRIZE-HEAD. Large, loose heads, stained red; The Morse. Light green; hardy. Superior to all.

TOMHANNOCK. An upright Lettuce; tinged brown...

Pkt. 05	By Mail, Po Oz. 15	ostpaid 1/4 lb. 40	Lb. 1 25
05	15	40	1 25
05	15	40	1 25
05	15	40	1 25
05 05	15 15	40 40	1 25 1 25

Cos Lettuce

Cos, or Romaine.	New.	Long - st hearts;	anding, bright				
golden yellow; crisp, tender PARIS WHITE COS. A popula				05 05	15 15	40 35	1 00 1 00



Holmes' Perfect Lettuce

MUSKMELON

Melon

One ounce for 60 hills; 2 to 3 pounds in hills for an acre



(1) Netted Gem; (2) Rocky Ford; (3) Holmes' Improved Nutmeg; (4) Fordhook; (5) Anne Arundel; (6) Long Island Beauty; (7) Tip-Top

Miller's Cream, or Osage. Medium to large, oval, netted; flesh rich salmon; deep, firm, sweet and melting.

Perfection, or Princess. Early, round, beautifully netted; best red-fleshed.....

TIP-TOP NUTMEG. Slightly oval; good size; sweet, juicy; yellow flesh.....

The specially new and good varieties of Muskmelons are listed length. Then the and well-sich at length. Then the standard and well-known sorts, which standard and well-known sorts, which nearly everyone is fa-miliar with, follow in a briefer general list, ar-ranged alphabetically for only reference briefer general list, arranged alphabetically for quick reference. We guarantee all our Melon seed to be absolutely fresh and pure, of strong vitality and true to name. If you want to know more than is given here about any variety, write us. write us.

write us.

CULTURE — Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for latitude of Harrisburg (for south earlier, for farther north later), farther north later), and when well up thin out to 3 or 4 plants to the hill. One ounce for 60 hills; 2 to 3 pounds for an acre.

Paul Rose, Petoskey

has gained great pop-ularity, are combined all the good qualities of the Netted Gem and Osage, of which it is a Flesh salmon-colored.

cross. It is finely netted like the Gem and averages about the same size; will outweigh a Netted Gem of equal size by a least a third. Pkt. 5 cts., oz. 15 cts., ½ 1b. 35 cts., 1b. \$1.25, postpaid.

05

05

05

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Rocky Ford

This is one of the most popular of small, or basket Melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting and very uniform in shape and quality. Flesh thick, green, very sweet and highly flavored. Pkt. 5 cts., oz. 10 cts., 14 lb. 30 cts., lb. \$1, postpaid.

Emerald Gem

A splendid Melon. Fruit conveniently small or medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed; skin green, tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored. Pkt. 10 cts., oz. 15 cts., 16. 40 cts., 1b. \$1.25, postpaid.

Delicious Gold Lined Rocky Ford

The vines are healthy and vigorous, bearing an enormous quantity of fruits during the entire season. No Melon has ever sold so readily and at such high prices as the Rocky Ford. It is of a rich, greenish gold; the netting is very prominent and is light in color, which makes the outer appearance very lattractive. The flesh is very crisp and tender, very deep salmon, ripening clear to the rind, extremely sweet and luscious flavor, and it has a small seed cavity. Our seed was raised especially for us by the originator and is the best type of the genuine Rocky Ford Muskmelon. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 75 cts., 18.25 for extending the control of the second of the

New Fordhook

This Melon originated in South Jersey and is a cross between Emerald Gem and Improved Jenny Lind. It is the shape of the large-sized type of Jenny Lind but has very thick, deep salmon-colored flesh, surpassingly sweet to the very rind. Pkt. 5 cts., oz. 20 cts., ¼ 1b. 50 cts., lb. \$1.50 postpaid.

Green-Fleshed Muskmelons ANNE ARUNDEL. Oval; heavily netted; green fleshed, solid; grand shipper. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 90 cts., by mail, postpaid. BAY VIEW. Prolific; good size; oblong; green flesh; late. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 80 cts., by mail, postpaid.

Extra-Early Hackensack. Hardy; prolific; round; deeply ribbed, coarsely netted; green flesh; delicious. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 80 cts., by mail, postpaid.

HACKENSACK, or TURK'S CAP. Large, with round and flattened ends; thickly netted; productive; extra quality. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 80 cts., by mail, postpaid. Holmes' Improved Nutmeg.

Popular; skin deep green, finely netted; flesh greenish-yellow, rich and sugary. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 90 cts., by mail, postpaid.

JENNY LIND. Small, round, flat-ended, deeply ribbed; flesh yellowish; flavor fine; very productive over long season.

Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 90 cts., by mail, postpaid.

LONG ISLAND BEAUTY. Hackensack type; very early; luscious, green flesh, thick and sweet; netting heavy.

Pkt. 5 cts., oz. 10 cts., ½ lb. 35 cts., lb. \$1.25, by mail, postpaid.

MONTREAL MARKET. Large "Green Nutmeg" type, heavily netted; thick, luscious flesh; late and for cooler Pkt. Oz. 10 cts., ½ lb. 25 9.00. Lb. 90 Öz. 10 Red, or Salmon-Fleshed Muskmelons BANANA. An old variety; very long...

DEFENDER. Very best yellow flesh; medium size; oval; slightly ribbed; gray netting; firm, fine grained, \$1 25 15

Kleckley Sweets Watermelon

Burrell's Gem

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold \$6,000 worth from 12 acres in 1909. The Fred Harvey eating houses, dining cars and hotels always specify it as their first choice. Its value is proved by those things. The golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance. The Melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper grown. The seed cavity is about the size of a teaspoon bowl, and an immense amount of the Melon is pure meat. The flavors of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 Melons from a hill, and each one weighing 2 or 2½ pounds. We get crates of Melons shipped from the best growers in Colorado and elsewhere, from which to save seed. We are sure it is right. See illustration. Pkt. 10 cts., oz. 20 cts., ½ lb. 50 cts., lb. \$1.50, postpaid.

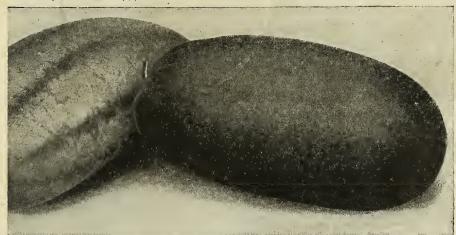
WATERMELONS

Wassermelone Meloni d' agua Melon Wodny

Culture—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.

By Mail, Postpaid One ounce to

COLORADO PRESERVING CITRON. Green seed. Also called Apple Pie. CUBAN QUEEN. Early, solid, heavy; skin striped dark and light green. Dark Icing. Early, round, solid; thin, dark green skin; superior quality.	05	Oz. 10 10	25 20 20	80 75 70
Dark Icing. Early, round, solid; thin, dark green skin; superior quality	pelaw rind; del 10 cts., mail, po	ARE. Oblor licious red fles 1/4 lb. 20 ct	sh. Pkt. 5 ts., lb. 75	; tough cts., oz. cts., by
	solid red oz. 10 cc mail, po Ferry	flesh; popular ts., ¼ lb. 20 ostpaid. y's Icel	South. Pk cts., lb. 75	t. 5 cts., cts., by Deeper colored
	5 cts., 6 80 cts., FLORID oblong;	lb Gem; tend oz. 10 cts., by mail, po OA FAVORIT striped; lusci	14 lb. 25 ostpaid. E. Superio ious red fles	r; large;
	80 cts., FORDH size; m 5 cts., o	oz. 10 cts., by mail, pos OOK EARLY edium green; oz. 10 cts., 1/2	tpaid. Y. Very ear red flesh (lb. 20 cts	ly; good . Pkt.
		mail, postpa Monar		Long



Gray Monarch, or Long
White Icing. Very large;
long; crimson
flesh. Pkt. 5 cts., oz. 10 cts., ½/ 1b. 20
cts., ib. 75 cts., by mail, postpaid.
GYPSY, or GEORGIA RATTLESNAKE. Oblong; dark and striped; red flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

By Mail, Postpaid Tom Watson Watermelon Pkt Lb HALBERT'S HONEY. Dark, clear skin; flesh crimson, luscious and sweet 05 10 35 \$1 00 Harris Earliest. Oval; fine quality; bright red flesh; sweet, tender and delicious.

ICE CREAM, or PEERLESS. Very early; red flesh; fine quality.

JONES' JUMBO. Round; large size; dark green skin; good quality.

KENTUCKY WONDER, or VAUCLUSE. Large; dark green; light crimson flesh; good flavor 05 10 20 75 75 75 75 05 05 10 20

Kleckley Sweets. Flesh bright scarlet; crisp, sugary and melting. See illustration.

KOLB GEM. Very large; flesh red; a good shipping sort.

LIGHT ICING, or ICE RIND. Round in form; flesh of fine quality.

MAMMOTH IRONCLAD. Long; striped; late; red flesh; good shipper. 05 10 25 90 75 75 75 05 $\begin{array}{c} 10 \\ 10 \end{array}$ 20 10 20 McIver Sugar. 75 Large; fine quality; oval; flesh pale pink, sweet, melting..... 05 10 20 MOUNTAIN SWEET. Flesh red; extra-fine quality.
PHINNEY'S EARLY OVAL. Mottled light green; large; oval; heavy; red flesh
SWEETHEART. Large; oval; heavy; flesh bright red; crisp, melting, sweet.

Tom Watson. New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper. See illustration, page 21. 05 10 20 75 05 20 75 10 25 90

MUSHROOM SPAWN Schwamm Fungo Pratajola

The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in a cellar, in sheds, hotbeds or the open air. New beds must be made at each planting. English, brick 20 cts. (25 cts. postpaid), doz. \$1.60, 25 lbs. \$2.50, 100 lbs. \$8. American Pure-Gulture Spawn, brick 25 cts. (25 cts. postpaid), 5 bricks \$1.10, 10 bricks \$2. Anglo-American Spawn same price as Pure-Culture. See illustration.

MUSTARD		By Mail,		
BLACK, or BROWN. Large, succulent leaves, pleasantly pungent GIANT SOUTHERN CURLED. A favorite in the South. WHITE LONDON. Leaves used in salads and for garnishing.	Pkt. 05 05 05	Oz. 10 10 10	14 lb. 15 15 15 15	Lb. 25 25 25 25

NASTURTIUM, or Indian Cress

The seed pods, gathered green, are delicious; pickled and used for seasoning like capers.

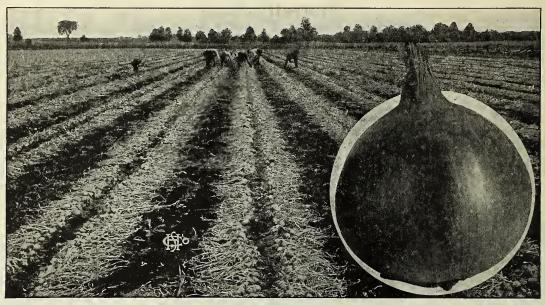
DWARF. Mixed varieties. A trailer requiring no support. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 70 cts., by mail, postpaid.

TALL, or LARGE. Climber 10 feet high; ornamental flowers. In many varieties mixed. See, also, page 48. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 70 cts., by mail, postpaid.

OKRA, or GUMBO o	chre	Oc	ra		
- , , , , , , , , , , , , , , , , , , ,		Pkt.	By Mail, Oz.	Postpaid	Lb.
DWARF PROLIFIC. Of dwarf, stocky growth; very early and prolific LADY FINGER. Long, slender, pale green pods; very tender. See illustration WHITE VELVET. Large, round, smooth pods; never ridged; prolific		05 05 05 05	10 10 10	20 20 20 20	60 60 60



Lady Finger Okra



Holmes' Special Strain of Ohio Yellow Globe Onions. Note the shape

Zwiebel Cipollo Cebula

TESTED AND OF THE STRONGEST VITALITY; THE FINEST, SELECTED STRAINS

We pride ourselves on selling the very best Onion seed that can be produced, and are now supplying some of the largest Onion growers of the country. By sowing our seed, large Onions may be produced direct from the seed. For growing sets there is no better seed on the market than that we offer.

CULTURE—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart or only a few small Onions will be the result. Manure highly (20 loads to the acre being used by market gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds to the acre will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial. One ounce will sow 100 feet of drill; five pounds will sow an acre.

Caution. Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 percent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. The lowest priced Onion seed is not always the cheapest.

Ohio Yellow Globe

A selected strain, uniform shape, attractive color, mild flavor, and produces enormous crops of large Globe Onions. Grown in Ohio for us by one of the best growers who has been selecting this strain for a number of years. Note the shape in the illustration.

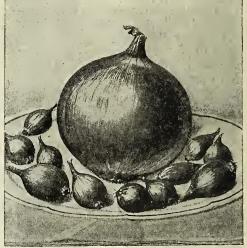
Our strain of this particular Onion has the finest shape, best color, and yields the largest crop of any yellow Onion. The heaviest yield of Onions is always obtained from rich, black lands. On such soils a globe-shaped Onion, with a somewhat flattened base, gives largest returns; the bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See illustration. Pkt. 10 cts., oz. 20 cts., 1/4 lb. 75 cts., lb. \$2.25, 5 lbs. and over at \$2 per lbs. posteraid

Yellow Globe Danvers (as usually sold). Of uniform size; bright yellow; immensely productive; mild, tender, of fine flavor. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts., lb. \$1.75 postpaid.

Round or Flat Yellow Danvers

As grown by us, this is a fine, selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming most popular also for growing Yellow Onion sets. Our strain produces thin-necked, flattened bulbs which are quite thick through, yielding well in bulk. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts., per lb. \$1.50, 5 lbs. and over at \$1.25 per lb., postpaid.

MARKET GARDENERS, AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES, SHOULD WRITE US FOR SPECIAL PRICES



Yellow Globe Danvers Onion

Southport Red Globe Onion

The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality. See illustration. Pkt. 5 cts., vz. 20 cts., ½ lb. 75 cts. lb. \$2.25, 5 lbs. and over at \$2.10 per lb., postpaid.

Southport White Globe

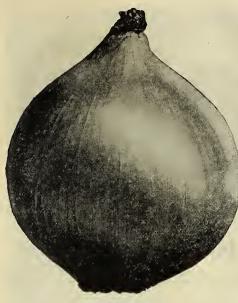
Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor. See illustration. Pkt. 5 cts., oz. 25 cts., ½ lb. 90 cts., lb. \$3.50, postpaid.

Southport Yellow Globe

This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white, and of a mild and delicious flavor. It is one of the most popular of the Yellow Globe Onions. These three varieties of Southport Globe Onions we have carefully bred up for years. All three Southport Onions ripen very evenly and on this account particularly are wonderful keepers. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00, postpaid.

Extra-Early Red

A medium sized, flat variety of deep red; an abundant yielder. It is very uniform in shape and size, moderate in flavor; ten days to two weeks earlier than Wethersfield. Especially good for a cool climate where other varieties fail to produce full-sized Onions. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$2.25, postpaid.



Prizetaker Onion

White Portugal, or American Silverskin

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use. Pkt. 10 cts., oz. 20 cts., ½ lb. 75 cts., lb. \$2.75, 5 lbs. and over at \$2.50 per lb., postpaid.

Yellow Strasburg, or Dutch

The large Onions are flat, round, thick through. Skin yellow; flesh pure white, mild flavored; productive; best for sets. Pkt. 5 cts., oz. 15 cts., ½ lb. 40 cts., lb. \$1.50, postpaid.



Southport Red Globe Onions

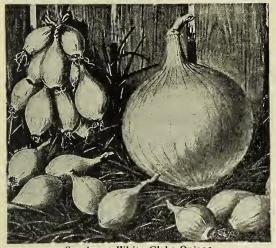
Prizetaker

(AMERICAN-GROWN)

The true American-grown Prizetaker is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference; the weight sometimes reaches 5 pounds. Pkt. 5 cts., oz. 15 cts., ½ lb. 50 cts., lb. \$1.75, postpaid.

Ailsa Craig

This is the great exhibition Onion in England. It grows to an immense size, $3\frac{1}{2}$ to 4 pounds each being frequently recorded. It is of a beautiful yellow, or straw color, slightly pointed at each end. To obtain the best results the seed should be sown in the hotbed and transplanted from 4 to 6 inches apart. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50, postpaid.



Southport White Globe Onions

Large Red Wethersfield

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions

This is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs; will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich, dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and it is an admirable Onion for boiling. Pkt. 5 cts., oz. 20 cts., ½ 1b. 75 cts., lb. \$2.75, 5 lbs. and over at \$2.65 per lb., postpaid.

ONION SETS

White and Yellow Onion Sets. Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations, Per qt., postpaid, 35 cts.

Martin Cope's Sons, Manheim, Pa., write: "We received your letter inviting us to buy our seeds from you, which we would certainly do if we were in the gardening business yet, as your seeds and manner of dealing were always very satisfactory."

Kelley & Blum, Harmony, Pa., write: "Your seeds have given good satisfaction and we want to put in a complete line of your loose seeds next season."

Italian and Pickling Onions

Lb. \$2 25 3 00 1 75 1 50 Oz. 20 25 15 ADRIATIC BARLETTA. Very early; small; pure white with silver skin; flesh mild but firm; fine for pickling.

GIGANTIC GIBRALTAR. Fairly globular in form; skin light straw color; flesh white; tender and mild....

OUEEN. Very early; small; flat; white and mild pickling Onion.

SILVER KING. White-skinned Onion; immense size....

24 Early Beet

24 Early Cabbage

12 Midsummer Cabbage

24 Early Celery 12 Early Cauliflower 24 Head Lettuce

12 Early Tomatoes

12 Main Crop Tomatoes

144 for \$1.00

READ!

SPECIAL OFFER OF 12 DOZ. VEGETABLE PLANTS, VALUE \$1.50, for \$1.00, DELIVERED AT YOUR DOOR

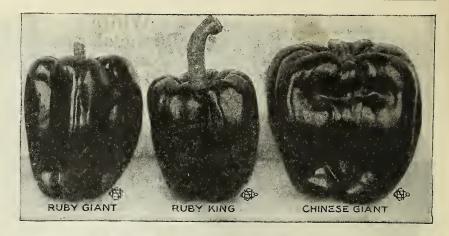
By Mail, Postpaid

This collection will be ready to be shipped from May 10 to June 15, 1916

If you desire the above splendid offer, please enclose \$1.00 and mark line below with an X

SPECIAL PLANT OFFER FOR \$1.00





PEPPER

Pfeffer Peperone Pieprz

CULTURE—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

Forly Moonaliton Fruits may be gathered the		By Mail,	Postpaid	
Early Neapolitan. Fruits may be gathered the last of June. Thick-meated,	Pkt.	Oz.	1/4 lb.	Lb.
usually mild and sweet; bright red. Plants frequently carry 30 to			, .	
40 handsome fruits	05	30	75	\$2 75
GOLDEN QUEEN. Golden yellow; sweet and delicate flavor	05	25	65	2 25
LARGE BELL, or BULL NOSE. Large; early; bright red; mild.	05	25	65	2 25
LONG RED CAYENNE. Late; small, bright scarlet; cone-				
shaped; pungent pods	05	25	65	2 25
New Chinese Giant. Strong; stocky growth; bushy; erect; growing				
bushy; erect; growing				
18 inches to 2 feet high. Very prolific. Peppers very large in size;				
flesh thick, very mild. See illustration	10	35	\$1 00	3 50
New Ruby Giant. Extra large; vigorous in growth; mild and sweet as an				
growth; mild and sweet as an	40	~-		
apple; makes fine salad with tomatoes	10	35	1 00	3 50
RED CLUSTER. Dwarf, compact; small, thin, red pods	05	25	65	2 25
n; flesh thick, mild, sweet. See illustration	05	25	65	2 25
Very mild flavor	05	25	65	2 25

HOLMES' PROLIFIC SWEET PEPPER (New)

One-third natural size. Fully as large as Crimson Giant, but differing in shape.

The most prolific Pepper grown and absolutely sweet.

Not only is it productive for so large a Pepper, but its size and appearance make it sell on sight. Fruits may be gathered early in July. The meat is thick and can be eaten like an apple. We have counted 43 full-sized Peppers on a single plant, and the crop will yield 18 to 30 fruits on each plant.

Drigo We offer \$5 cash prize for the plant bearing the largest number of Peppers. We reserve the right to have plant sent to us by parcel

Prize. We offer \$5 cash prize for the plant bearing the largest number of Peppers. We reserve the right to have plant sent to us by parcel post or you can have a photograph made and send this. Price of seed, either Red or Yellow. Pkt. 10 cts., 3 pkts. 25 cts., ½ oz. 50 cts., oz. 85 cts., ¼ 1b. \$3.

PARSNIPS

Pastinaca

Culture—Sow early in spring, in drills 15 inches apart and half an inch deep in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

By Mail, Postpaid

Guernsey. A half-long Parsnip. Flesh fine-grained; much sought for by market gardeners because of its Pkt. Oz. 110 20 60



Holmes' Hollow Crown Parsnips

N. B. Keeney & Son, Le Roy, N. Y., write: "It may be of interest to you to know that the "Holmes' Delicious" Sweet Corn seed which you sent us last spring was not planted until about the middle of June and was placed between the different varieties of beans in order to separate them. The corn, which was planted a month late, is now in good picking condition and is affording pleasure to quite a good many of our neighbors and friends. Our man goes to the farm in the morning and picks about two bushels and delivers quantities varying from six to twelve ears to our neighbors and friends as long as the supply of corn holds out. All who have reported to us regarding it seem to consider it an exceptionally fine sweet corn, and we will thank you to book our order now for a peck of seed of this variety to be delivered at your convenience during the coming winter."

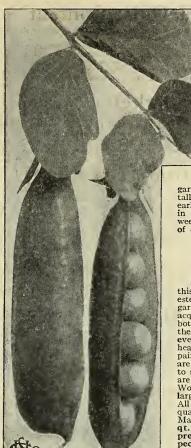
PARSLEY

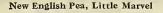
Petersile Prezemolo Peitroszka

Culture—Soak seeds in water 24 hours before planting. Sow thickly early in rows one foot apart; cover half an inch deep; finally thin to 5 or 6 inches apart, or transplant and cut back frequently. Five pounds to the acre.

By Mail, Postpaid

	Pkt.	Oz.	1/4 lb.	Lb.
CHAMPION MOSS CURLED. Densely crimpled, dark leaves.	05	10	25	85
EXTRA CURLED EMERALD. Dwarf habit; productive	05	10	25	85
EXTRA DOUBLE CURLED. A popular fine dwarf		10	25	85
HAMBURG, or TURNIP-ROOTED. Fine for flavoring.	05	10	25	85
Holmes' Ideal. Leaves ornamentally crimped; growth compressed and thick, almost a half-globe. Very robust, greatly improved by severe cutting. Stands heat, drought and cold;				
FIGURE 14. Very robust, greatly improved by severe cutting. Stands heat, drought and cold;				
yields finely. Color and taste ideal	10	15	30	85
PLAIN. The leaves are not curled; plant very hardy		10	25	85
ITALIAN LONG SMOOTH. New. Much sought for by German truckers; true	10	15	35	\$1 00





NORTHERN-GROWN

Again, for the sixth year, the Pea crop is short; in fact, at this writing, there is no telling just the damage done, but we are assured that many varieties of Peas have been cut very short by reason of the frosts and snow. So be-

the frosts and snow. So beware of cheap seed.

CULTURE—To grow for market sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extraearly varieties as soon as the ground can be worked in March; continue for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1½ bus. to the acre.

New English Pea, Little Marvel

Still another year's experience makes us hold this distinct, new, dwarf first-early in even higher esteem. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality wrinkled Peas will be delighted with Little Marvel. See illustration. Pkt. 10 cts., pt. 30 cts., t. 50 cts., postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, peck \$2.25, bushel \$7.50.

New English Pea, Laxtonian

This is the Largest Podded of All Early Dwarf Peas

A new sort of decided merit. The vines are vigorous, growing about 16 inches high and produce a large crop of good-sized pods, averaging from 9 to 10 Peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration. Pkt. 10 cts., pt. 40 cts., qt. 75 cts., postpaid. By express or freight, not prepaid, qt. 50 cts., 4 qts. \$1.75, peck \$3.

New Pea, Holmes' Pedigree Extra-Early

The Most Prolific, Earliest and Even Stock in Cultivation

By careful selection for a number of years we have developed this magnificent strain which must not be classed with the extra earlies listed in many catalogs under various names, Being grown in the far North, and with the selection of the earliest and choicest vines, this strain has been so improved that it fully bears out our claim as the earliest, most prolific and even strain in existence. A single picking will secure the entire crop. Vines vigorous and hardy; 2 to 2 ½ feet high, bearing abundantly. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., peck \$1.50, bushel \$5.

New Pea, Gradus

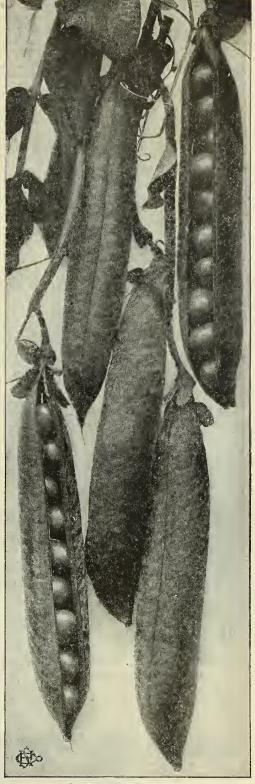
ALSO CALLED EARLY TELEPHONE

Earliest Large-Podded Pea ever Introduced-Height 3 feet; Plant Thickly

In the Gradus we have one of those long strides of progress not often found in the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton in England. The vine has very heavy stems and produces uniformly large pods, measuring 4 to 4½ inches long, nearly round, and well filled with 8 to 10 large handsome Peass. In flavor and quality Gradus is of the highest "marrow" type, melting and sugary, retaining, when served, its bright, vivid green. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1.25, peck \$2.25, bushel \$7.50. In the Gradus we have one of those long strides of progress not often found in the ordinary

New Pea, Thomas Laxton

A new variety, producing large pods in abundance. Delicious; matures as early as the extra-early smooth Peas and, being a wrinkled sort, is much sweeter. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1.25, peck \$2.25, bushel \$7.50.



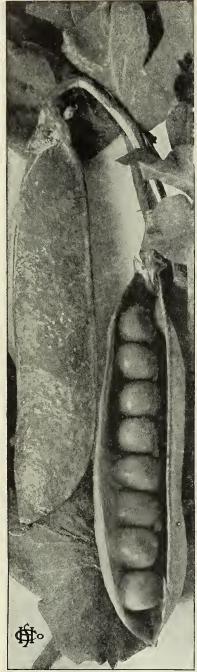
New English Pea, Laxtonian

New Dwarf Champion of England

A hardy, robust and vigorous grower of handsome green pods and the quality is unsurpassed. Height of vine 26 inches, 68 days find a long-felt want. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 90 cts., peck \$1.50, bushel \$5.50.

Nott's Excelsior

This Pea is so well known that it requires very little description. It is one of the sweetest Peas grown, very prolific, dwarf, and for the home garden we know of no small-podded Pea that we can recommend more highly than this. Wherever grown it seems to thrive, and the best evidence of its popularity is in its increased use. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 85 cts., peck \$1.50, bushel \$5.50.



New Garden Pea, Ouite Content

Grand New Garden Pea, Quite Content

A sensational novelty of England which is, without doubt, the largest podded Pea in existence. At all the principal shows in England Carter's "Quite Content" is now preeminent. It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain the height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches and contain 8 to 12 Peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender Peas. See illustration. Pkt. 10 cts., pt. 30 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1, peck \$1.75, bushel \$6.50.

Prolific Early Market

This Pea is about four days later in maturing than our Market Garden Extra Early, but it produces 30 to 50 percent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time and can be cleaned up with one picking. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., peck \$1.25, bushel \$5.50.

New English Pea, Sutton's Excelsion

Its great merit is that it is an early, dwarf, wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelsior, which is one of the most popular. It holds the place in the extra-early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a great abundance of long, broad, straight pods of pale green. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1.25, peck \$1.75, bushel \$6.00.

New Pea, Ameer

Called Large Alaska in the South

Height 18 to 20 inches; habit dwarf, stocky and vigorous; color dark green. The most robust grower we know of. It is an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific. Just he Pea for the market or home gardener. Give it a trial. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 90 cts., peck \$1.50, bushel \$5.50.

New Late Pea, Alderman

This fine second-early, wrinkled Pea has proven in our trials to be a very valuable acquisition. We predict for it a place in every catalog and, once in the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 90 cts., peck \$1.50, bushel \$5.50.

Extra-Early Large-Podded New Pea, Holmes' Masterpiece

We have watched the behavior of this splendid Pea with much interest, for it always seemed to us that it would outrank, as a large early Pea, the justly famous Gradus, or Prosperity, and it has. We believe this to be one of the finest and most prolific large-podded Peas ever introduced. The pods contain 8 to 10 perfectly formed Peas, and are of such large size and excellent flavor that they sell on sight at market. In quality and flavor the Peas are all that can be desired. ½ pt. 20 cts., pt. 35 cts., qt. 60 cts., postpaid. By freight or express, not prepaid, qt. 50 cts., 4 qts. \$1.50, peck \$2.75.

GENERAL LIST OF GARDEN PEAS

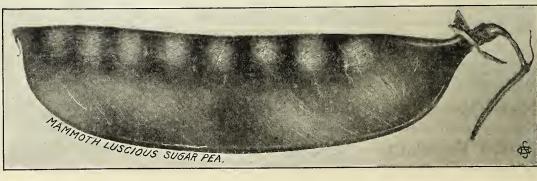
Liberal packets of any variety of Peas 10 cts. each. Those prefixed with a * are wrinkled varieties

DWARF EXTRA EARLY require no stalking or brush

		Mail, tpaid	By Exp. or Frt., Not Prepaid				
*AMERICAN WONDER. 10 to 12 inches. Extra early; dwarf; wrinkled; finest quality.		Qt. 40	Qt. 25	Pk. \$1 35	Bu. \$5 00		
*Little Gem. 16 to 18 inches. Dwarf; green; wrinkled; excellent flavor	25	40	25	1 35	5 00		
EXTRA EARLY, M	EDI	UM					
ALASKA. 2 feet. Pods well filled with small, smooth, blue-green Peas. HOLMES' MARKET GARDENERS' EXTRA EARLY.	25	40	25	1 25	4 75		
2 feet. Superior strain of the extra-early Peas, ripening evenly throughout	25	40	25	1 35	5 25		
SECOND, or MEDIU	ME.	ARLY					
*ADVANCER. 2½ feet. Green, wrinkled Peas; fine flavor *ABUNDANCE. 3 feet. Large, wrinkled Peas of excellent	25	40	25	1 25	4 75		
quality	25	40	25	1 25	4 75		
*Carter's Daisy (Dwarf Telephone). well filled. *EVERBEARING. 3 feet. Prolific; large, wrinkled Peas.	25 25	40 40	25	1 25	4 75		
*HORSFORD'S MARKET GARDEN. 2 feet. Grand wrinkled Pea; sweet	25	40	25	1 25	4 50		

Easton, Pa., Nov. 16, 1914. Holmes Seed Co.: I take notice that you would like to know about the Emperor Celery. The Celery was the finest in flavor and was otherwise entirely satisfactory in every respect. I will place my order for same.

Very truly yours, Joseph I. V. Hawk. R. F. D. No. 4.

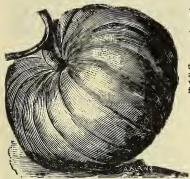


GENERAL LIST OF GARDEN PEAS—Continued

MAIN-CROP, or LATER	By Mail, Postpaid		By Exp. or Frt., Not Prepaid				
	Pt.	Qt.		Pk.	Bu.		
BLACK-EYED MARROWFAT. 51/2 feet. An old favorite; prolific market Pea	20	30	Qt. 25	\$1 00	\$4 00		
*CHAMPION OF ENGLAND. 5 feet. Rich; marrow-like; immense; wrinkled	25	40	25	1 25	4 75		
*Duke of Albany (American Champion). 41/2 feet. Quality superlatively fine		40	25	1 35	5 00		
*JUNO. 2 feet. Dwarf main crop; green, wrinkled, marrow Peas; superb flavor		40	25	1 25	4 75		
LONG ISLAND MAMMOTH, or TELEGRAPH. 3½ feet. Large pods and Peas.		40	25	1 25	4 75		
PRIDE OF THE MARKET, IMPROVED. 12 feet. Large pods.	25	40	25	1 35	5 00		
*STRATAGEM. 2 feet. Dwarf, blue, wrinkled Peas; heavy cropper; large and of excellent flavor	25	40	25	1 35	5 25		
*Tolonkono Chacial Strain 4½ feet. Exceedingly productive; large, wrinkled,							
*Telephone, Special Strain. 4½ feet. Exceedingly productive; large, wrinkled, marrow Peas; rich, sugary flavor	25	40	25	1 50	5 50		
WHITE MARROWFAT. 51/2 feet. Similar to Black-eyed Marrowfat, but of better quality	25	40	25	1 25	4 75		
*YORKSHIRE HERO. 3 feet. A spreading variety; very productive	25	40	25				

Sugar, or Edible-Podded Peas

	Dy r	aan,	Бу	Exp. or r	1 609
The pods are cooked like string beans; if used when about half-grown they are deliciously tender and	Post	paid	, N	Not Prepai	d
The pods are cooked like string beans; if used when about half-grown they are deficiously tender and	2.1030				
sweet.	Pt.	Qt.	Qt.	Pk.	Bu.
Sweet.	25	35	25	\$1.50	\$5 50
*DWARF SUGAR. 1½ feet. Extra-fine quality; productive and early	23	33			
MELTING SUGAR. 5 feet. Mammoth variety; pods "snap" without string; very sweet; tender	25	35	25	1 75	6 00
WELLTING SUGAR. 5 leet. Wallinoth variety, pods shap without string, very sweet, tender					
Excels in size, productiveness and quality. Vines average 30					
Mammoth Luscious. Excels in size, productiveness and quality. Vines average 36 inches; pods gigantic in size; broad, sweet and tender; extremely					
miches; pods gigantic in size, broad, sweet and tender, extremely	25	40		2 00	M F0
fleshy; equal best snap beans for cooking pods and all. See illustration	25	40	35	2 00	7 50
itesity, equal best state beauty for	25	25	25	1 50	5 50
*TALL GRAY SUGAR. 4 feet. Immense pods; snap; 78 days	23	33	23	1 30	3 30
COWPEAS AND FIELD PEAS. See Farm Seed Department, pages 38 and 39.					
COWPERS AND FIELD I EAS. See Parm Seed Department, pages 30 and 39.					



PUMPKINS

CULTURE—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce will plant 15 hills; one pound

Mammoth Golden Cushaw, or Crookneck

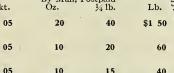
and grows to a large size; in its early stages it is dark green. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and a deep, rich yellow. For making pies this variety is superior, while for stock feeding and keeping purposes it has no equal. See illustration. Pkt. 5 cts., oz. 15 cts., ½ lb. 35 cts., lb. \$1.25, postpaid.

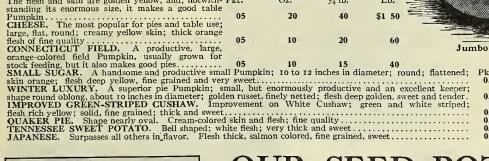
Jumbo, or Mammoth Potiron

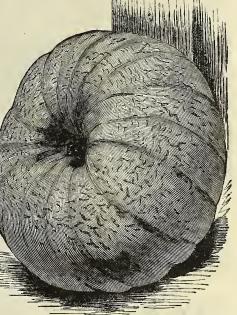
No other Pumpkin ever introduced has reached such enormous weights and been awarded so many prizes. Hundreds of our customers have raised specimens weighing over 150 pounds each. It frequently attains a diameter of over 4 feet.

By Mail, Postpaid
The flesh and skin are golden yellow, and, notwith-Pkt.

Standing its enormous size, it makes a good table







	By Mail,	Postpaid	
kt.)5	Oz. 10	¹ / ₄ lb. 25	Lb. 75
)5	10	25	85
05	10	25	85
)5	10	25	85
05	10	25	80
)5	10	30	1 00



OUR SEED POTATOES Potatoes Grown Especially for Seed

NO OTHER SECTION PRODUCES AS HEALTHY AND VIGOROUS SEED POTATOES AS NORTHWESTERN NEW YORK. TRY THEM AND BE CONVINCED

Our Seed Potatoes are grown for us by the noted potato grower, Mr. A. G. Aldridge, who has appointed us exclusive agents in Harrisburg and vicinity for the sale of his Potatoes. Many of our market gardeners who visited Mr. Aldridge with the writer several years ago, are convinced that he has the best stock of seed Potatoes, true to name and absolutely free from disease. The soil where these Potatoes are grown is well adapted to grow handsome tubers, free from scab and the flesh is crisp and firm compared with the Mainegrown Potatoes which are inclined to be soft and spongy and of a poor keeping quality. Solid, fresh Potatoes will be sure to grow and make an even stand throughout your field, while soft seed is inclined to rot and disappoint you. The New York Potatoes grown by Mr. Aldridge are so well known that they do not have to be inspected by a Federal inspector. Is it not better to pay a little higher price to secure stock of this nature than to pay a less price and be disappointed in either the yield or the quality of the seed? We offer the following varieties, and as these prices are made during the fall of the year, they are subject to change without further notice. to change without further notice.



PURE NORTHERN-GROWN SEED POTATOES

Special Notice. This year Seed Potatoes are very scarce and FIRST CLASS, free from disease stock will be hard to get. Our stock will be the same as in former years—pure and of the finest selection.

Holmes' Improved Early Ohio.

This grand strain of the old reliable Early Ohio is without doubt the earliest and most productive variety. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid. By express or freight, peck 75 cts., bushel \$2.25, barrel \$6.

Irish Cobbler. One of the best extra-early varieties. Very large; white and heavy cropper; of excellent quality. Earlier than the Ohio. Lb. 30 cts., 3 lbs. 60 cts., postpaid. Freight or express, peck 75 cts., bushel \$2, barrel \$5.75.

VERMONT GOLD COIN. Excellent flavor; small shallow eyes; thin skin; fine-grained flesh; shape slightly oblong; rather broad and thick through. The strong-growing quality and exceptional productiveness make it the best Potato for general crop. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid. By express or freight, peck 75 cts., bushel \$2, barrel \$5.50.

As these prices are made early, they are subject to change without notice.

Freight or Express

	Pk.	Bu.	Bbl.
IMPROVED EARLY ROSE. Pure and genuine	. 60	\$2 00	\$5 50
MAINE ROSE. The best variety of the rose type.		2 00	5 50
EARLY HARVEST. An unusually heavy yielder.		2 00	5 50
EARLY FORTUNE. Is very productive.		2 00	5 50
QUICK CROP. Very early vigorous grower		2 00	5 50
SIR WALTER RALEIGH. New, valuable variety.	. 60	1 75	5 00
RURAL NEW YORKER. The tubers are large		1 75	5 00
CARMAN No. 1. Finest second-early Potato.	. 60	1 75	5,00
CARMAN No. 3. Best late sort; yields heavily.		1 75	5_00

EUREKA

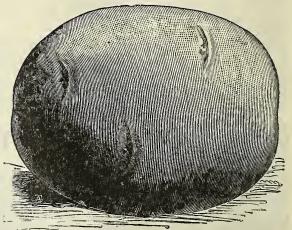
Extra early and a coming favorite. Although a chance seedling it is very remarkable for its extreme earliness, and the number of large, round, white tubers in each hill. Now is the time to buy a few of these and grow some extra-early Potatoes to sell to your neighbors. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, peck 85 cts., bushel \$2.25, barrel \$6.

NEW SCOTCH ROSE POTATO

This new rose-colored potato is a great favorite. The seed first came from Scotland. The tubers are oblong, bright and thick, with shallow eyes; tops large; dense, with strong stocky stems. There are few small tubers, and we recommend growing this new Scotch Rose in drills. We will match it against any late variety for productiveness, and wish it tested beside any of the late sorts, because we have never tasted a more productive variety. Its season is medium early, ripening after the early sorts and before Carman No. 3. We consider the Scotch Rose an extremely desirable variety and specially recommend it to our friends for trial. It will produce more large tubers on light poor sand than any other variety. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, peck 85 cts., bushel \$2.25, barrel \$6.

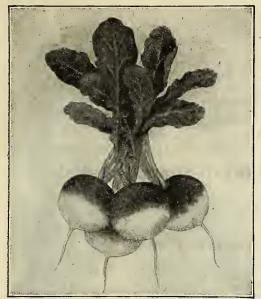
OHIO JUNIOR

This is a chance seedling and is in some way related to that good old sort, the "Early Ohio," as it is almost identical with that variety in form and marking of tuber, habit of growth, etc. It is the first and only instance where the Ohio has been reproduced from seed. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, of fine quality and very productive. We planted Ohio Juniors May 10, and in 60 days we had potatoes large enough for table use. It always brings from 10 to 25 cents per bushel more than other varieties. Lb. 25 cs., 3 lbs. 60 cts., by mail, postpaid. By freight or express, peck 85 cts., bushel \$2.25, barrel \$6.



IRISH COBBLER

The most popular early variety grown at the present time. We sold more bushels of them last spring than ever before and more than any other early variety. Our customers are more than pleased with them and report having harvested large, handsome, white tubers, very early. They cook dry and the flavor is fine. Will keep good until late in spring. Some of our farmers claim it out-yielded their late varieties last season. Lb. 30 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck 75 cts., bushel \$2.00, barrel \$5.75.



Sparkler, or White Tip Scarlet Turnip Radish

New White Icicle

The finest-flavored quick-growing Radish now in cultivation

We have no hesitancy in saying it is one of the finest, long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3½ to 4-inch cylindrical roots within 22 days from date of sowing. This means the acme of crispness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. See illustration. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 80 cts., postpaid.

Holmes' Royal Red Forcing

Best for forcing in or out doors; quick grower; makes Radishes in three weeks. Globe shaped; deep red; crisp and tender; tops small. The beautiful color and shape of this Radish make it a very attractive table relish. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. 80 cts., postpaid.

RADISHES

Radies Ravenello Rzodkiew

Our stock of Radishes is French-grown. Being sown in beds and transplanted, we are positive of having straight sorts.

CULTURE—Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills to inches apart, thinning plants to 2 inches apart. Sow winter Radishes in midsummer and take up before severe frosts and store in sand earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an

White Strasburg Summer

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. See illustration. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 85 cts., postpaid. By express, not prepaid, lb. 75 cts., 5 lbs. \$3.

Vick's Early Scarlet Globe

The roots of this Radish are slightly olive shaped; a rich, bright scarlet in color; flesh teder and white. It is fit to pull among the very earliest and is much larger than most of the extra-early Radishes. We especially recommend this to gardeners whose market demands a large, first-early, forcing Radish. Pkt. 5 cts., oz. 10 cts., ½ 1b. 25 cts., lb. 85 cts., postpaid.

Holmes' French-Grown Icicle Radish

Early Long Scarlet Short Top **Improved**

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about 6 inches long. This is the variety grown so extensively in Petite Cote, Ontario, where the finest Radishes in America are produced. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

Early Scarlet Turnip White-Tipped

Or Coopers Sparkler

Handsome; a little later than the extraearly forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety, both for home and market purposes. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts., postpaid.

Giant Forcing For Forcing or Open-Ground Culture.

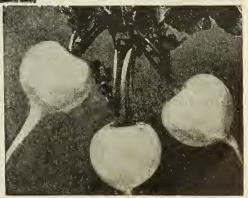
A Variety for Market Gardeners

CRIMSON RADISH

A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce per bulb, or about four times the weight of similar sorts; but not withstanding its immess eize, does not get hollow or pithy, the flesh remaining sparklingly white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright, deep crimson color of the skin remains quite constant. Excellent, both for forcing and open-ground culture. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 90 cts., postpaid.

Felton's Model White Box Radish

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more Radishes in the same space under glass, in boxes or open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts., postpaid. 5 lbs. \$3.25, by express.



Felton's White Box Radishes



Vick's Scarlet Globe Radish

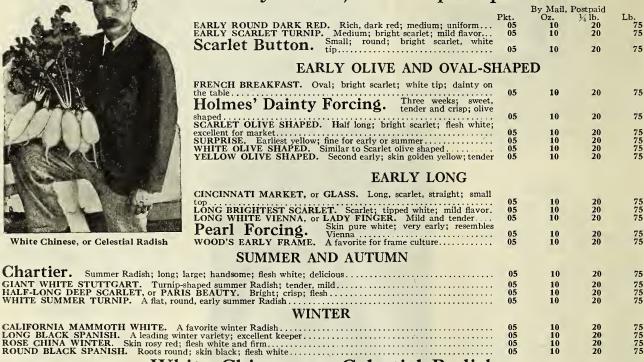
RADISHES CONCLUDED

JULIA HENDERSHOT, Morristown, N. J., writes: The flower seeds which I purchased from you gave me the best of results. They bloomed the whole summer, and were satis-factory in every way.



Holmes' Royal Red Forcing Radish

Early Round, or Turnip-Shaped Radishes



White Chinese, or Celestial Radish

Never has a winter Radish won so much favor, and indeed it is worthy of all the praise given it. Mr. Austin G. Rupp, Shiremanstown, Pa. (whose photograph we print herewith) has been growing this variety for some years, and gets very high prices in market for the Radishes. So valuable did he consider it that for years he thought it policy not to tell his neighbors the name of the Radish. The true stock of this variety is stump-rooted, as will be seen in the photograph, and although a winter Radish, it can also be grown in late swere those photographed and shown in our illustration. The flesh is firm, solid and pure white. It keeps all winter in prime condition and is of mild flavor. Pkt. 5 cts., oz. 15 cts., ½ lb. 25 cts., lb. 85 cts.

RHUBARB (Pieplant) Rhabarber

Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.

VICTORIA. A very large, thick, red-stalked late variety of fine quality.

RHUBAR ROOTS. We can also supply young roots of this variety, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. Doz. 75 cts., 100 \$5, 1,000 \$35, by freight or express, not prepaid.

Kurbisz Z Miekuzr **SQUASHES** Zucca

AUTUMN AND WINTER

DELICIOUS. (Gregory.) Fine quality; excels any in flavor. Pkt. 5 cts., oz. 15 cts., ½ lb. 30 cts., lb. 75 cts., by mail, postpaid.

LARGE-WARTED HUBBARD. Large size; productive; hard green, warty shell. Pkt. 5 cts., oz. 15 cts., ½ lb. 35 cts., lb. 85 cts., by mail, postpaid.

MAMMOTH CHILL. Often weighs 200 pounds; flesh rich; fine flavored. Pkt. 5 cts., oz. 20 cts., ½ lb. 40 cts., lb. \$1, by mail, postpaid.



Improved Hubbard Squash



Sandwich Island Salsify

SALSIFY (Vegetable Oyster)

CULTURE—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre. LARGE WHITE. Common variety; medium-sized; smooth; flesh white. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 90 cts., by mail, postpaid.

Mammoth Sandwich Island. Larger and less liable to branch than Large White. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. \$1, by mail, postpaid.

SPINACH

Spinace

CULTURE—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use sow in August; for winter in September. Cover with straw or leaves in winter. Varieties prefixed (*) may be sown in the fall for spring crop. One ounce will sow 100 feet of drill. Twelve pounds to the acre in drills.

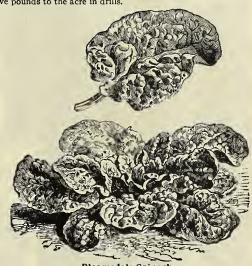
*Bloomsdale, or NORFOLK SAVOY. Fall planting; fleshy; curled; hardy. Pkt. 5 cts., oz. 10 cts., ½ lb. 15 cts., lb. 35 cts., by mail, postpaid.

GIANT ESKIMO. New. A variety we imported from Japan; very large. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Long Season. Can be grown successfully in not weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent; remain fresh and crisp for a considerable time after cutting. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 45 cts., by mail, postpaid. LONG-STANDING. Excellent; compact; thick, fleshy, dark green leaves. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., Ib. 35 cts., by mail, postpaid.

NEW ZEALAND. Abundant; never cooks stringy. Pkt. 5 cts., oz. 10 cts., ½ lb. 30 cts., lb. \$1, by mail, postpaid. ROUND-LEAVED. Thick, round, succulent leaves. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 35 cts., postpaid. *THICK-LEAVED. Produces large, thick, bright green, crumpled leaves. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts.,

lb. 35 cts., by mail, postpaid. VICTORIA. Very heavy, broad, deep green leaves, crumpled. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 35 cts., postpaid.



Bloomsdale Spinach

TOMATOES Liebesapfel Pomo d'oro

Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.

CULTURE—Tomatoes do best on light, warm, not overrich soil. Sow in hotbeds from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 or 5 inches apart. Set out of doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes.

One ounce for 1,500 plants, 1/4 lb. for an acre

BEEF STEAK or Crimson Cushion

THE VERY BEST LARGE-FRUITED BRIGHT CRIMSON TOMATO

The Crimson Cushion is well worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color. The engraving accurately shows the form. They are entirely free from core, of a rich crimson-red color, and are not liable to crack from wet weather. The fruits are of the largest size, which size is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. Had we to confine ourselves to one variety it would be the Crimson Cushion, for certainly no other Tomato will produce a full crop of extra-large crimson fruits, so smooth, handsome and marketable as the Crimson Cushion. The flesh is so firm that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality, solidity and long-keeping character have already made the Crimson Cushion Tomato a great favorite for both market and family use. Pkt. 10 cts., oz. 35 cts., ¼ lb. 85 cts., lb. \$3.00.

Walnut Bottom, March 26, 1915.

Dear Sir: After a trial of your Emperor Celery I can say it is the best variety I ever came in contact with. A neighbor came in and said it was the best Celery he

I remain.

MRS, CARRIE STANCY.



Holmes' Everbearing Tomato

THE EARLIEST, LARGEST, MOST PROLIFIC AND MEATIEST RED TOMATO GROWN

This wonderfully prolific new Tomato was originated by Mr. J. A. Smith, of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. Mr. Smith is in the Division of Zoology of the state and takes delight in experimenting and producing new vegetables. The illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing 7¾ pounds. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidy taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

In creating this wonderful Tomato, seed from a perfect specimen of a cross of Ponderosa and Earliana was planted in the spring of 1011. One good, vigorous plant was selected as the parent, and as the blossoms appeared the first ones were entirely removed. The second set which appeared, except three, were removed, and as soon as these three began to show signs of yellow they were prepared for pollination and carefully bagged. This second set of blossoms came along at the same time as did the Stone variety. The Stone pollen was applied and then again carefully bagged. Only one Tomato was permitted to mature on this plant, which was very large and a perfect specimen. The seed from the above cross was planted in the spring of 1012, and of six plants planted, all have ripened Tomatoes like the illustration, and have not been without ripe fruit throughout the season. When cut by the frost there was still plenty of green fruit on them. of green fruit on them.

Price, originator's own stock, pkt. 15 cts., 2 pkts. 25 cts., ¼ oz. 85 cts., oz. \$3, ¼ ib. \$10.

EUGENE HOOVER, Duncannon, Pa., writes: "The Everbearing Tomato that you persuaded me to try last year has proved far beyond my expectations. You could hardly see the vines for the clusters of bright red Tomatoes. The Tomato is an excellent early variety, and I never saw anything so prolific.

A Single Cluster of Everbearing below

Enormous. Most large Tomatoes grow rough and of bad shape for slicing, but these glants are smooth, round, solid and with few seed. A standard main-crop Tomato of great size. "Everybody is buying it." Pkt. 10 cts., oz. 35 cts., ½ lb. 81, lb. \$3.50.

Stokes' 'Bonny Best Early.' Nearly as early as Earliana; color up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop. Pkt. 5 cts., oz. 30 cts., ½ lb. 85 cts., lb. \$3.

ACME. Early; medium sized; smooth; solid; prolific; purplish pink. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$2.

BEAUTY. Early; prolific; medium-sized; smooth; solid; purplish red. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$2.

BUCKEYE STATE. Large; solid; meaty; deep purple; heavy cropper. Pkt. 5 cts., oz. 20 cts., ½ lb. 60 cts., lb. \$2.

Chalk's Early Jewel.

One of the best for main crop. Bright scarlet; very solid; fine flavor. Pkt. 10 cts., oz. 30 cts., ½ lb. 90 cts., lb. \$3.

CRINE'S JUNE PINK. Extra early; fruit smooth, about 3 inches in diameter, almost round; flesh solid; finely flavored; free from acidity. Pkt. 10 cts., oz. 35 cts., ½ lb. \$1, lb. \$3.50.

Dwarf Champion. Early; prolific; smooth; medital and the classified and the content of the cts., oz. 35 cts., ½ lb. \$1, lb. \$3.50.

Dwarf Champion. Early; prolific; medi-

um-sized; pinkish-purple. Pkt. 5 cts., oz. 35 cts., ¼ lb. 85 cts., lb. \$2.75. EARLY PARAGON. Bright red; standard for market and canning. Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.

Color bright red; medium early. Pkt. 10 cts., oz. 50 cts., ½ lb. \$1.25, lb. \$3.50.

FAVORITE. Large; solid; smooth; bright scarlet; ripens evenly. Pkt. 5 cts., oz. 30 cts., ½ lb. 75 cts., lb. \$2.

GOLDEN QUEEN. Large; handsome form; beautiful clear yellow color. Pkt. 5 cts., oz. 30 cts., ½ lb. 75 cts., lb. \$2.

LIVINGSTON'S CORELESS. Bright red; immense clusters; mild acid flavor. Pkt. 5 cts., oz. 35 cts., ½ lb. 85 cts., lb. \$2.75.

Livingston's Dwarf Stone

Livingston's Dwarf Stone.

Resembles Livingston's Stone in color and shape.
Specimen fruits weighing I pound are common.
More productive and as early as New Dwarf Stone.

Pkt. 5 cts., oz. 35 cts., ¼ lb. 75 cts., lb. \$2.75.
Globe-shaped; early; large size; smooth; firm-fleshed; color glossy rose, tinged purple; very delicate. Pkt.

5 cts., oz. 35 cts., ¼ lb. 85 cts., lb. \$2.75.

DIVINGSION S INCW GIODE. Color glossy rose, tinged purple; very delicate. Pkt. 5 cts., oz. 35 cts., ½ lb. 85 cts., lb. \$2.75.

Matchless Fruit large, smooth, free from core; rich cardinal red. Pkt. 5 cts., oz. 35 cts., ½ lb. \$5 cts., lb. \$2.75.

PERFECTION. Smooth, tough skin of brilliant scarlet; solid, rich flavor. Pkt. 5 cts., oz. 30 cts., ½ lb. \$5 cts., lb. \$2.5.

PONDEROSA. The largest Tomato of all. Pkt. 5 cts., oz. 35 cts., ½ lb. \$1, lb. \$3.50.

Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality. Pkt. 5 cts., oz. 35 cts., ½ lb. \$3.50.

Stone. Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality. Pkt. 5 cts., oz. 35 cts., ½ lb. \$3.50.

Stone. Fruit round, apple-shaped; very large; deep red; heavy. Pkt. 5 cts., oz. 35 cts., ¼ lb. 75 cts., lb. \$2.75. TROPHY. Extra selected; an old favorite. Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.75.
TRUCKERS' FAVORITE. Reddish-purple; fleshy; vines strong and vigorous. Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.75.
YELLOW PLUM, YELLOW PEAR, RED PEAR. For preserving. Pkt. 5 cts., oz. 35 cts., ¼ lb. 85 cts., lb. \$3.

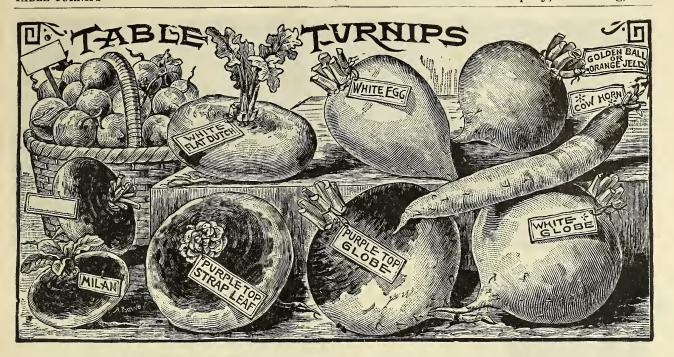


TABLE TURNIP

One ounce for 100 feet; 2 pounds to the acre

Weisse Rube

Rzoper Crukiew

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We can not too earnestly recommend farmers to increase their sowings largely, for we are sure the crop will prove remunerative.

This wholesome and agreeable vegetable is most easily affected in its form and flavor by soil, climate and mode of culture. There are a great many

This wholesome and agreeable vegetable is most easily anected in its form and havor by soil, climate and mode of culture. There are a great many varieties, but our list comprises the best for the garden or farm.

Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. It is important to get the spring and summer crops started very early so that the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter.

In the Middle and Western States sow for fall and main crop from middle of July to last of August, and in the manner given for spring sowing. In

the field, Turnips are often sown broadcast, though im most cases better results are obtained by drill culture.

To preserve Turnips in good order for winter, store in a cool cellar and cover with sand or turf to keep them fresh. Another method is to put them in a pit dug in dry soil where there will be no danger of water standing, and to cover with straw overlaid with earth sufficiently deep to keep out frost. Thus protected, Turnips will keep well till spring.

WHITE-FLESHED VARIETIES

COW HORN, or LONG WHITE. Carrot-like in form, slightly crooked. Delicate and well flavored; waluable as a market sort for fall and early winter, also for turning under. Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts., by mail, postpaid.

Early Purple-Top Strap-Leaved. Early; favoruse; medium size; flesh white. Pkt. 5 cts., oz. 10 cts., ½ 1b. 20 cts., 1b. 50 cts., by mail, postpaid.

EARLY WHITE FLAT DUTCH. Standard early, white flat Turnip. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 50 cts., by mail, postpaid. EXTRA-EARLY PURPLE-TOP MILAN. All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip. Pkt. 5 cts., oz. 10 cts., ½ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Purple-Top White Globe. Nearly as large as Pomwhite flesh; excellent, equally destrable for table or stock. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE EGG. Oval or egg-shaped; firm; mild, sweet and very tender. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE GLOBE. Globe-shaped; early, mild and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

YELLOW-FLESHED VARIETIES

GOLDEN BALL, or ORANGE JELLY. Medium size. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., by mail, postpaid.

PURPLE-TOP YELLOW ABERDEEN. Large, globe-shaped. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Yellow, or Amber Globe. Yellow-fleshed; globe-pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 50 cts., by mail, postpaid.

(RUSSIAN, OR SWEDISH TURNIP) RUTABAGA

Two to three pounds to acre

IMPROVED AMERICAN PURPLE TOP. Old popular standard; rich flavor. Pkt. 5 cts., oz. 10 cts., ½ lb. 20 cts., lb. 50 cts., by mail,

Sweet, Pot and Medicinal Herb Seeds

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

	Pkt,	Oz.	1/4 1ь.	Lb.
ANISE (Grüner anis). For garnishing, cordials and flavoring.	05	10	25	90 -
BALM (Citronen-Melisse), For tea and balm wine; useful in fevers.	05	20	60	\$2 00
BASIL. SWEET (Basilikum). Used for soups, stews and sauces.	05	20	60	2 00
BASIL, SWEET (Basilkulli). Used for Soups, seews and cadees				
CARAWAY (Feld Kümmel). Used in confectionery, cakes and medicine	05	10	25	90
CORIANDER. For garnishing; seeds are aromatic, used for flavoring	05	10	25	75
DILL. Aromatic seeds, used in pickles, preserves, soups, sauces	05	10	25	75
FENNEL (Fenchel). Leaves used for fish sauces and garnishing; seed in confectionery and for flavoring liquors.	05	10	25	75
	0.5	15	40	1 50
HOREHOUND. For tonic and cough,				
LAVENDER. (Lavendel). Popular aromatic herb; delightful perfume	05	35	\$1 00	3 50
MARJORAM, SWEET (Marjoram). Used for seasoning	05	20	60	2 00
SAGE (Salbei). Leaves used in dressings and sauces.	05	20	60	1 60
SAVORY, SUMMER. Used for seasoning, flavoring soups and dressings.	05	15	40	1 50
SAVORY, SUMMER. Used for seasoning, havoring soups and dressings		25		
SAVORY, WINTER (Bohnenkraut). Leaves used for flavoring.	05	25	75	2 50
THYME, BROAD-LEAVED (Thymian). Used for seasoning; also as bee food	05	40	1 25	4 00
IIIIME, DAVID-DEATED (Thyman), Code to Establish, and de Section				



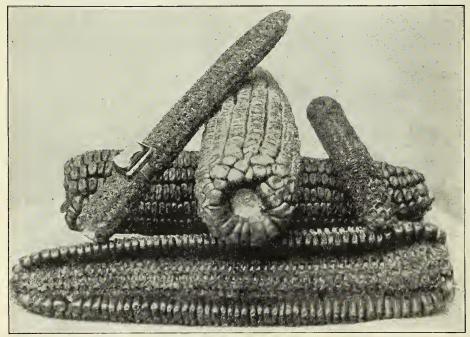
EXTRA SELECTED FARM SEEDS

Fully realizing the great importance of supplying the farmer with the highest quality of Farm Seeds, we have given this branch of our business special study, exercising the greatest care in growing and securing seed of the highest standard in purity and quality-fully matured, plump, sound, fresh and clean. The care exercised in selecting our seeds has given Holmes' Field Seeds an enviable reputation and today our house is recognized as headquarters for the most reliable field and grass seeds.

HOLMES' EARLY GOLDEN SURPRISE CORN

90-DAY FIELD CORN

THIS REMARKABLE VARIETY IS INCOMPARABLE IN SOLIDITY, UNIFORMITY, DEVELOPMENT OF THE TIP AND BUTT, EXTRA-ORDINARY YIELD AND SMALLNESS OF COB



Holmes' Early Golden Surprise

No other Corn has given such universal satisfaction as our Early Golden Surprise. Its prepotency and power of reproduction is so great that neither wet nor dry weather noticeably influences its growth and maturity. Unapproachable as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account of extreme smallness of cob and depth of grain. The cobs are so small that many may be encased in an ordinary finger ring, as seen by our illustration. The grains are of a rich golden color, very deep, and profitable on account of small percent of waste of cob. The cob is so small that 35 pounds of ears produced 31½ pounds of shelled Corn. The Corn is a vigorous grower, with short, strong stocks and an abundance of deep green foliage, which makes it an excellent fodder Corn. It matures uniformly in 90 days from planting, and all points considered it is the best field Corn in cultivation. Golden Surprise is the greatest money earner yet introduced to the American farmer. There can be nothing of greater importance to him than to increase the yield and feeding value of Corn. Early Golden Surprise will give that result. Lge. Pkt., by mail, postpaid, 10 cts., jb. 30 cts., 3 lbs. 70 cts., by freight or express, not prepaid, qt. 15 cts., peck 75 cts., ½ bushel \$2.25, bushel \$2.25, bushel \$2.25, bushel \$2.25.

The past season when other varieties failed to grow, Golden Surprise gave excellent results. Our customers report that every grain grew.

Horseheads, N. Y., Mar. 22, 1913.

Holmes Seed Co., Harrisburg, Pa.

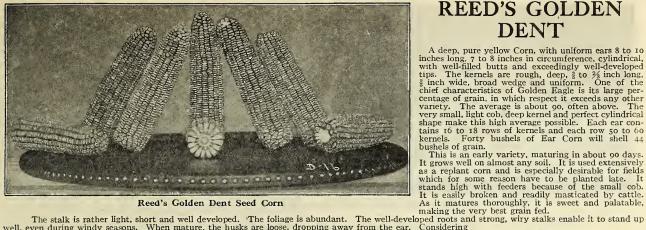
Dear Sirs: I have watched the most gratifying results obtained from your seeds in this section, both on my own fields and my neighbors. Your seeds are the best I have ever used and are gaining many friends in this section, as they are true to name and show the highest germination. Wishing you success, I remain,

Yours truly,

BENJ. MANNING.

MESSRS. VILMORIN ANDRIEUX OF FRANCE writes us: We have tried your new Green Emperor Celery, marked H. H. and have found it to be the thickest dwarf, green plant, with very broad, thick fleshy ribs and is certainly worthy of interest.

The above parties are the introducers of the Golden Self-Blanching Celery-they should know.



REED'S GOLDEN DENT

A deep, pure yellow Corn, with uniform ears 8 to 10 inches long, 7 to 8 inches in circumference, cylindrical, with well-filled butts and exceedingly well-developed tips. The kernels are rough, deep, 3 to 3/6 inch long, 3 inch wide, broad wedge and uniform. One of the chief characteristics of Golden Eagle is its large percentage of grain, in which respect it exceeds any other variety. The average is about 90, often above. The very small, light cob, deep kernel and perfect cylindrical shape make this high average possible. Each ear contains 16 to 18 rows of kernels and each row 50 to 60 kernels. Forty bushels of Ear Corn will shell 44 bushels of grain.

well, even during windy seasons. When mature, the husks are loose, dropping away from the ear. Considering the size of the ear it is a surprisingly good yielder, due to the fact that a great many of the stalks bear two ears. Its rich golden color and fine quality of grain make it superior for grinding into meal. It is perfect in every respect. Pkt. 10 cts., lb. 25 cts., by mail, postpaid; by freight or express, qt. 15 cts., peck 75 cts., bushel \$2, bag of 2 bushels \$3.75.

IMPROVED MASTODON

OUR FAMOUS ENSILAGE CORN

Is a yellow Corn with white cap and red cob. The ears attain exceptional size, being from $9\frac{1}{2}$ to 12 inches long and from $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference. Some of the ears retain a slight taper from butt to tip, but the large majority are very cylindrical. The ears weigh 11 to 18 ounces, having from 16 to 22 rows. The crown is slightly roughened, with rounding corners, the rounding corners giving a smoother appearance to the Corn than it really has. The kernels set very close together and have a fine large development of the germ. This Corn carries a large percent of oil and protein. We have obtained some striking results as to yield with the Improved Mastodon. Under ordinary conditions this Corn yields over 100 bushels an acre. The stalk is large and stiff, producing a great amount of luxuriant foliage, which, when cured, affords a very superior article of fodder. It stands about 10 feet high, the ear appearing 4 feet from the ground. It has come into such favor as an ensilage Corn that there is a great demand for it by dairymen throughout the country. It matures in 120 days and is recommended for any soil. Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, qt. 15 cts., peck 75 cts., bushel \$2, bag of 2 bushels \$3.75.



A Half Bushel of Improved Mastodon

IMPROVED GOLDEN BEAUTY

HAS THE LARGEST GRAIN AND SMALLEST COB OF ANY CORN IN CULTIVATION

The productiveness of the Golden Beauty Corn is due to the economical shape of the ears and the fact that a large proportion of the stalks produce fine ears. It is the largest grained and handsomest golden yellow Corn we have ever seen. The ears are of perfect shape, with 10 to 14 straight rows. Cobs are unusually small; when broken in half the grains will reach across them. The richness of color and fine quality of grain make it superior for grinding into meal. We can guarantee this Corn to give good satisfaction wherever grown. Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, peck 75 cts., bushel \$2, 2-bushel sack \$3.75. Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid.

WHITE CAP DENT CORN

This combines the earliness and hardiness of the Pride of the North, with ears of very large size. The stalks are stout, growing 6 to 7 feet in height, with abundant foliage. Ears of handsome appearance, 8 to 10 inches in length, well filled, having 16 to 18 rows of deep grains. The cob is small, grains being very deep and quite wide. The outer end of the grain is white, deeply dented, while the inner portion is a clear amber-yellow. The grains are flattened and set squarely on the cob and completely fill the entire surface of the ear. Choicest stock grown by the originator at prices quoted below. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck 75 cts., bushel \$2, 2-bushel sack \$3.75.

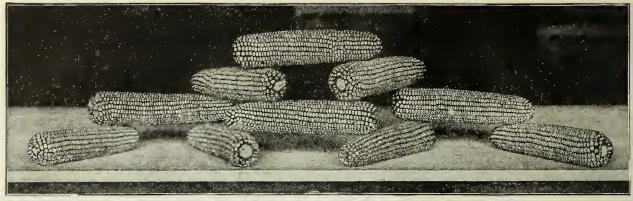
GOLD STANDARD LEAMING CORN

We have increased the size of ears and percentage of grain by breeding from tapering to cylindrical shape. We have also increased depth and roughness of kernel and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7½ to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage and thrive well on all soils where many other varieties fail. It is an immense yielder, producing, under favorable conditions, 100 bushels or more to the acre.

Prices same as White Cap Dent.



Group of Kernels showing Desirable and Undesirable Shapes. Nos. 3, 4, 5, 6 are fair to best shapes, while 1, 2, 7 and 8 are to be avoided



Holmes' Emperor Dent-See Photograph of Ear on Back Cover

HOLMES' EMPEROR DENT

DECIDEDLY THE LARGEST AND BEST FIELD CORN IN CULTIVATION. ABSOLUTELY DROUGHTPROOF PENNSYLVANIA GROWN

Holmes' Emperor Dent, grown in Dauphin County, is the most productive of any field Corn that we know of. The stalks grow uniformly, from 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 90 days, and the large, handsome ears vary from 16 to 20 rows each, measuring 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The six points of merit of this magnificent new field Corn are: (1) It being an extremely heavy cropper. (2) Maturing in 90 days. (3) Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk. (4) It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn. (5) It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil. (6) For seed Corn, it will sell on sight, and farmers will make more money from this Corn than any we know of.

The illustration on this page is an exact reproduction from photograph of average ears. This Corn may be ground almost as soon as husked, as it dries very rapidly. This year we offer Holmes' Emperor Dent at the following prices: Pkt. 10 cts., 1b. 25 cts., by mail, postpaid; peck 75 cts., ½ bushel \$1.25, bushel \$2.25, 2-bushel sack \$4, 10 bushels and over at \$1.85 per bushel, sacks included.

Cuban Giant Mammoth Ensilage. Has produced 70 cons of fodder to the acre and is one of the very best and most popular for Ensilage. The fodder is sweet, tender, juicy; grows 13 to 14 feet in height. Peck 75 cts., bushel \$2, bag of 2 bushels \$3.75.

Red Cob Ensilage.

A new variety of extreme merit. We highly recommend it as the heaviest cropping variety; producing from 50 pk. 75 cts., bushel \$2, bag of 2 bushels \$3.75.

Sugar Corn for Green Fodder.

A new variety of extreme merit. We highly recommend it as the heaviest cropping variety; producing from 50 pk. 75 cts., bushel \$2, bag of 2 bushels \$3.75.

Best for early fall green feed. Very profitable for cattle. A favorite with dairy farmers, also excellent for soiling. Peck 75 cts., bushel \$2.50.

New Keystone Mammoth Pride Corn

Absolutely droughtproof. The most productive; bears largest ears and is absolutely droughtproof. The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 10 to 18 rows each, the most of them having 16 rows of deep grains, which are of a rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only 1½ inches thick. This grand new Corn can only be obtained from us. By express or freight, at purchaser's expense, qt. 20 cts., peck 75 cts., ½ bushel \$1.25, bushel \$2, 2 bushel bag \$4, sacks included.

IOWA GOLD MINE

Ears of good size and symmetrical; a bright golden yellow; grain very deep; cob small drying out quickly when ripe. From 70 pounds of ears, 60 to 62 pounds of shelled corn may be obtained. Early, and of the highest market value. Peck 75 cts., bushel \$2, bag of two bushels \$3.75.

PRIDE OF THE NORTH. Used in northern latitudes. Stalks short-jointed and leafy. Kernels are very deep, closely set on the ear. Qt. 15 cts., 4 qts. 40 cts., peck 75 cts., bushel \$2.

VIRGINIA EUREKA ENSILAGE

Has a record of 70 tons and 800 pounds of Corn grown on one acre. Enough to feed seven head of cattle for one year and enough left over for 261 days, feeding at the rate of 50 pounds per day.

This Corn was originated in Virginia about 25 years ago and has been grown on the same farms there for us ever since. It is the result of careful selection for many years from the old southern prolific Corn which often has five to eight ears on a stalk. This selection was made with the view of getting a larger ear and more foliage. It has been grown entirely away from other kinds and it is a distinct variety and a great improvement over any other Southern White Dent Corn.

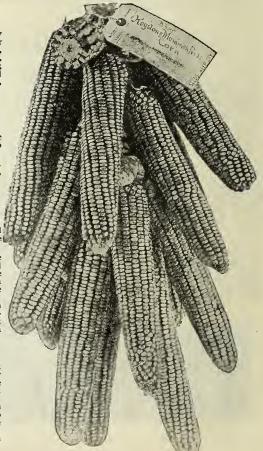
Corn has been offered by others under the name of Eureka, but it is simply the common Southern White that they are offering and at the time of cutting there will be as much difference as there is between Crosby and Stowell's Evergreen. Eureka is a Smooth White Dent Corn with short kernels, while many of the southern white varieties have the horse tooth kernels. Be sure and get the genuine.

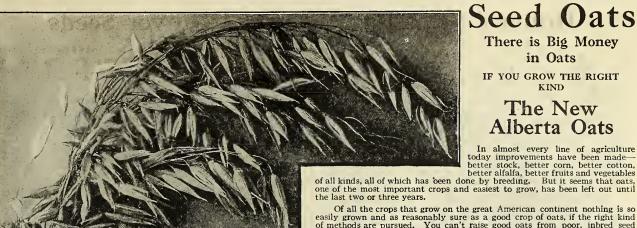
WHEN IS THE PROPER TIME TO CUT ENSILAGE?

As Corn is simply overgrown grass and everyone knows that grass bould be cut when it is in the blossom, then Corn should be cut when it is in that same condition. Don't look for the ear; simply watch the tassel. It is better to cut Corn too early than too late. Mature ears should never be put in the silo. The grain bin is a much better place. The silo was not invented as a substitute.

Eureka Corn has a record of 70 tons and 800 pounds of green corn from one acre. This record was made by weighing one square rod taken from an acre which was first divided into four equal parts, and the weighing was done by three reliable disinterested parties. We have several estimates of even more than this and we believe that this record can be broken. Price, ½ peck 40 cts., peck 75 cts., ½ bushel \$1.25, bushel \$2.50, 2-bushel bag \$4.75, 10 bushels and over \$2.35 per bushel.

NOTE—Our stock is the genuine, being grown by one of the best growers in Virginia.





Seed Oats

There is Big Money in Oats

IF YOU GROW THE RIGHT

The New Alberta Oats

Of all the crops that grow on the great American continent nothing is so of an one crops that grow on the great American condition to thing is so easily grown and as reasonably sure as a good crop of oats, if the right kind of methods are pursued. You can't raise good oats from poor, inbred seed any more than you can raise good cattle or pigs or good corn, unless you select the best. It is an absolute impossibility.

For many years we have made the growing of Seed Oats a specialty, importing our seed stock for our own use, from which we grew much of our seed, but in the progress of time we find many progressive farmers who want the best the world can produce, and as good as any seedsman or seedhouse in America uses for growing their own stock.

THE NEW ALBERTA

The cut bordering this page is a fine illustration of the head of the New Alberta Oats, except these were photographed below the average size and only shows the head ½ natural size.

These new Oats were introduced into the Alberta country only four years ago by emigrants who took their seed from Iowa, and were known at that time as the Regenerated Swedish Select Oats, but owing to the great success and results made and given they soon thereafter took the name of New Alberta, often yielding 125 to 140 bushels per acre and weighing out from 45 to as high as 52 pounds per measured bushel. Since their first introduction into Alberta they have been continually grown on new, clean virgin land, free from weeds, located in the greatest Oats producing country in the world, which produces these vigorous hardy Oats—Seed Oats that is full of life and vigor that will easily make you a yield of three times as much as common ordinary varieties.

The New Alberta is of strong, stiff straw; stands up well on rich ground, as near rustproof as any Oats in existence; ripens medium early, two or three weeks ahead of late varieties, and is the all-round best variety and quality of Oats to be found anywhere.

Price, at purchaser's expense, by express or freight, peck 50 cts., ½ bushel 90 cts., 1 bushel \$1.75, 2 to 4 bushels \$1.65, 10 bushels and over \$1.50.

NOTE-Our seed of the New Alberta was brought here from the Northwest, and this year we grew same in Pennsylvania and Mr. Smith who grew these Oats says he would have had at least 125 bushels to the acre had he not lost so many on the ground on account of the wet season. Our Oats are a little discolored, but this does not hurt them for seed purposes, and we can vouch that these Oats are accli-

Long's Improved White **Tartar**

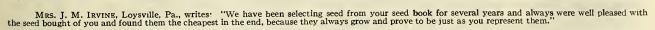
Direct from the new importation. Outyields nearly all others and is the very best for all-round purposes. Earliest variety grown, with long straw, usually averaging 4 to 5 feet, and rustproof. Succeeds well on all soils. Golden-yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs 42 pounds. Lb. 25 cts., 3 lbs. 65 cts., postpaid. By freight or express, peck 50 cts., bushel of 32 lbs. \$1.50, 2 bushels \$2.50, 10 bushels \$1.20 per bushel, 20 bushels and over \$1.10 per bushel. Bags holding 2½ bushels 25 cts. each, extra.

Long's Storm King

Mr. Isaac Long, a successful, scientific and widely known farmer, imported this remarkable Oats from Tartary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 4 to 6 feet tall. It yielded over 100 bushels to the acre, and weighed 45 pounds to the measured bushel—clean and bright, no smut. There were 190 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's Crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and heaviness of head. Lb. 35 cts., 3 lbs. 75 cts., postpaid.

By express or freight, peck 50 cts., bushel of 32 lbs. \$1.50, 2-bushel sack \$2.50, 10 to 20 bushels \$1.20 per bushel, 21 to 50 bushels \$1.10 per

Remember, we have the originator's stock and offer this from the original importation.



BENJ. G. WENGER, Murrell, Pa., writes: "Enclosed find our order for seeds. We have ordered seeds from you for several years and have always found them very satisfactory."

Holmes' Superior Recleaned Clover Seeds



Alfalfa, or Lucerne

The prices of some varieties of Clover, Grass and Field Seeds may change Note. as the season advances. Prices now given are those prevailing when this catalog was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

Alfalfa (Medicago sativa), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation and often bears from five to six crops of hay a year. It does well in almost any climate and improves any soil that is sown with it. A good stand of it will choke out and practically kill wild morning-glory. Prepare the land by deep plowing and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow it. Alfalfa seed is graded by the amount of dead matter and the percentage of weed seeds it contains. The very worst weed is dodder, which infests seed grown on low lands. Dodder is a yellow parasitic plant with abundant stems but no leaves; the roots live on the alfalfa plant and quickly kill it. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains this weed. Our Alfalfa is grown out of the state on high land, and is dodder-free. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

RED MEDIUM CLOVER. This is the common Red Clover so largely grown throughout the country. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

MAMMOTH, or PEA-VINE CLOVER. This grows much taller, with larger, leafier stalk, and large, slightly-pointed leaflets. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on appli-

WHITE DUTCH CLOVER. The best variety for lawns; valuable in permanent pastures. Lb. 45 cts., postpaid. Price per bushel on application.

Alsike, or Hybrid Clover. The hardiest of all, sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom-heads round; flesh-colored; sweet and fragrant; much liked by bees. Sow to 0 20 pounds per acre in spring or fall. Lb. 35 cts., postpaid. For larger quantities write for prices.

Crimson, or SCARLET CLOVER. An annual variety providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crops for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. Lb. 25 cts., 3 lbs. 60 cts., postpaid. For larger quantities write for prices.

Holmes' Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations

	By !	Freight or I	Express	š	
AWNLESS BROME GRASS (Bromus inermis). Will stand long droughts and produce heavy crops in dry sections. Es- Bi	u.	Lb.	100	lbs.	
pecially desired for permanent pasturage. (14 lbs. per bu.)		20		5 00	
CANADA BLUE GRASS (Poa compressa). Useful for sowing on hard clay and poor soils. (14 lbs. per bu.)		14		1 00	
CREEPING BENT GRASS (Agrostis stolonifera). Excellent for lawns; thrives on moist lands. (Bu. 20 lbs.)	00	60 .	55	5 00	
CRESTED DOG'S TAIL (Cynosurus cristatus). An excellent grass for hard, dry soils; valuable for pastures and lawns.					
(21 lbs. per bu.)		40		5 00	
ENGLISH RYE GRASS (Lolium perenne). Nutritious, vigorous; for meadow and pasture. (Bu. 24 lbs.)	00	15	9	9 00	
HARD FESCUE (Festuca duriuscula). One of the most desirable dwarf grasses, excellent for dry soils and shady places.		12			
(12 lbs. per bu.)	75	25	22	2 00	
ITALIAN RYE GRASS (Lolium Italicum). A valuable European variety, adapted to any climate and produces large and					
	25	20	10	00	
KENTUCKY BLUE GRASS (Poa pratensis). Well known and extensively grown in all parts of the country; used for lawns.	40	20			
(14 lbs. per bu.)		20		3 00	
MEADOW FESCUE (Festuca pratensis). Fine permanent pasture; heavy and nutritious. (Bu. 22 lbs.)	25	30	28	3 00	
MEADOW FOXTAIL (Alopecurus pratensis). One of the earliest and best pasture grasses; grows rapidly when cut or eaten	-1				
down by stock. (7 lbs. per bu.)	00	50	40	00	
ORCHARD GRASS (Dactylis glomerata). A valuable pasture grass, adapted for growing in shady, moist places under trees,	25	, A			
etc. (14 lbs. per bu.)		25		2 00	
PERENNIAL RYE (Lolium perenne). Nutritious; for meadow or permanent pasture. (Bu. 20 lbs.)		20	10	00	
RED, or CREEPING FESCUE (Festuca rubra). Valuable for lawns. (14 lbs. per bu.)	75	30	W. 30	00 0	
RED TOP GRASS (Agrostis vulgaris). Valuable for either pastures or lawns. (14 lbs. per bu.)	50	25	20	00 0	
RHODE ISLAND BENT GRASS (Agrostis canina). Valuable for either pastures or					
lawns. (14 lbs. per bu.)	00	50	45	5 00	
ROUGH-STALK MEADOW GRASS (Poa trivialis). Excellent for pastures and mead-					
ows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded					



Timothy

ows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. Sow 20 lbs. per acre...... 40 00 SHEEP'S FESCUE (Festuca ovina). Excellent for sheep pasture; 6 to 10 inches high. SWEET VERNAL, TRUE PERENNIAL (Anthoxanthum odoratum). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bu.)...... TALL MEADOW OATS GRASS (Avena elatior). This is a valuable variety for pastures. 18 00 TALL FESCUE (Festuca elatior). Early, nutritive and productive in permanent pastures on wet or clay soils. On moist lands yields a large amount of good hay. Height 3 to 4 feet. Not suitable for lawns. Sow 40 lbs. per acre. (14 lbs. per bu.)..... 45 00 TIMOTHY (Phleum pratense). A variety producing a profitable hay crop in almost any soil. One-half bushel per acre. Our seed is free from weed seeds and of high germinating power. Prices on Application (45 lbs. per bu.) VARIOUS-LEAVED FESCUE (Festuca heterophylla). A perennial grass suitable for cold, moist soils in which it will yield heavily. Valuable in permanent meadows, either for mowing or grazing. Height 2 to 3 feet. As a lawn grass it is valuable, especially for shaded places. Sow 40 lbs, per acre. (Bu. 12 lbs.).

WOOD MEADOW GRASS (Poa nemoralis). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bu.).

48 00 60 00

Mrs. D. S. Kreps, Canalon, Mo., writes: "I have planted your seeds for about 12 years and have had good results all the time. I am well pleased with your promptness in filling orders.

MANURIAL CROPS

PRICES OF SEEDS ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE

Modern agricultural practice proves that it is far more economical and desirable to grow the nitrogen fertilizers for soil than to attempt to produce this in the form of manure, especially on large farms or where much live stock is not kept. The chief thing the soil needs is organic matter, and if the farmer can not afford to grow and turn down certain good cover-crops for fertilizing. The clovers of various kinds, such as the Mammoth Clover, Red Clover, Alfalfa, Alsike and the Sweet Clovers are beneficial as soil renewers, and in addition to these there are Cowpeas, Soy Beans and in fact, Peas and Beans of all kinds, Sand and Spring Vetches, Sainfoin, Kidney Vetch, Yellow Lupine and other Legumes which have the power of catching nitrogen from the atmosphere and transforming it into available form for plant-growth.

Where soil is even too thin or poor in quality to grow Red Clover, Sand Vetch or Alsike can be started, and after growing these crops the Red Clover can then be grown with success. If these cover-crops are grown and turned under, the farmer then can add lime, phosphoric acid in the form of acid phosphate, and potash in the form of Kainit or wood ashes, and will find the soil then to contain fairly well-balanced rations for plant-food and be rich and productive in a few seasons.

ductive in a few seasons.

COWPEAS

Can be grown in all parts of the country where Dent Corn succeeds. can be grown in an parts of the country where Dent Corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure crop at any time during the summer and in almost every crop rotation. Can be grown on greater variety of soils than any other legume. LARGE BLACK EYE. Extremely early variety, matures peas in six to eight weeks. eight weeks

to eight weeks.

BLACK. Quicker to mature than other varieties and better adapted for late planting or for growing north of Virginia.

CLAY. Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seeds kidney-shaped, medium size, cream-colored; medium to late in ripening.

NEW ERA. A very regular variety; erect and not inclined to run; matures in 60 or 75 days.

WHIPPOORWILL. Usually an erect grower and rarely climbs; pods gray, long and full; seeds large, nearly spherical, mottled red and white; matures early. One of the best for late planting and growing.

Prices for small quantities, pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. On larger quantities, by freight or express, write for prices. Prices range from about \$2.25 to \$3.50 per bushel, according to the season. ing to the season.

Barley, BEARDLESS. This variety is free from beard. Lb. 20 bushel of 60 lbs. \$1.75.

TRIUMPH. A distinct-bearded 6-rowed variety. Free from smut; straw stiff and erect. No Barley can approach it in yield. Lb. 30 cts., postpaid. By freight or express, peck 75 cts., bushel of 60 lbs. \$2.25.

Rye, WHITE WINTER. It is much hardier than wheat and can be grown on a greater variety of soils. It is not only grown for grain, but for straw and soiling purposes. Plowed under when about 6 inches high, it is in condition to add great fertility to the soil. Rye can be cultivated longer on the same land than any other crop. Can be sown at the last working of corn. Sow at the rate of ½ bushel to the acre. Peck 75 cts., bushel \$1.50.

SPRING. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted.

SPRING. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted. Peck 75 cts., bushel \$1.50.

Buckwheat, JAPANESE. Is much superior to the common Buckwheat. The yield is far greater and it makes a superior flour. It is used as a poultry-food. Sow r bushel (48 lbs.) to the acre broadcast. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck 50 cts., bushel \$1.75. SILVER HULL. The grains are of a silvery gray color, making a white flour. Prices same as Japanese.

Broom Corn, IMPROVED EVERGREEN. Best variety for general cultivation, on account of color and quality of brush; ripens very early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Lb. 25 cts., postpaid. By freight or express, qt. 20 cts., peck 75 cts., bushel \$2.50.

Spring Emmer. (Incorrectly called Speltz.) A grain especially suited for dry lands. Being semihardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rustresister than either oats or barley, and it also yields considerably better. The feeding value is high. Lb. 15 cts., 3 lbs. 40 cts., postpaid. Bushel (40 lbs.) \$1.75, 5 bushels at \$1.60 per bushel.

Milo Maize. A variety of sorghum, nonsaccharine, growing stalks 8 to 10 feet high. Useful for the large amount of green feed or cured fodder it produces and for its grain. It stands dry weather and makes its crops when corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. to the acre. Lb. 20 cts., postpaid. By freight or express, 10 lbs. 50 cts., 50 lbs. \$1.75, 100 lbs. \$3.25.

Sorghum, or Sugar Cane. Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows, proves a great milk producer and is a wonderful feed to fatten hogs. Will produce as high as 20 tons per acre, and two or three cuttings in a single season.

hogs. Will produce as night as 20 tons per the produce as night as 20 tons per the produce as night season.

EARLY AMBER. Grows from 11 to 12 feet in height and can be planted by the first of May. The seed ripens almost invariably, affording an excellent food for stock and poultry. Lb. 20 cts., 3 lbs. 55 cts., postpaid. By express, qt. 20 cts., peck \$1, bushel \$2.50.

EARLY GEM. This is a strong grower and will outyield any other Sorghum; is highly recommended as a feed for horses and cows. Peck \$1.25 bushel \$3.

Kaffir Corn.

One of the best forage-plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature a full crop of grain and a second full crop of forage by October 15. For grain sow in rows 3 feet apart, 5 lbs. to the acre. For fodder, sow 3 pecks broadcast. Pkt. 5 cts., 1b. 15 cts., 3 lbs. 40 cts., postpaid. By freight or express, 10 lbs. 45 cts., 50 lbs. \$1.50, 100 lbs. \$2.75, bags included.

Sunflower,
By freight or express, b. 15. cts., 100 lbs. \$12.

Field Peas,
than is now purchased annually by the farmers at the cost of millions of dollars."—Year Book of the U. S. Department of Agriculture. Peas are second only to clover in their soil-enriching properties and can be grown under almost any condition. The vines make rich, nutritious hay, or can be grown to turn under. Peck 75 cts., bushel (60 lbs.) \$2.50, 10 bushels at \$2.25 per bushel.

LARGE MARROWFAT. Growth immense. The best of the Field Peas for hay. Peck \$1, bushel (60 lbs.) \$3.25, 10 bushels.

LARGE MARROWFAT. Growth immense. The best of the Field Peas for hay. Peck \$1, bushel (60 lbs.) \$3.25, 10 bushels at \$3.10 per bushel.

New Velvet Bean.

Class. The most rampant growing of all these sorts. Popular in the South—and of value in the North for a cover crop. Pkt. 10 cts., 1b. 30 cts., postpaid. By freight or express, ½ peck 75 cts., peck \$1.50, bushel \$4.50, bags included.

Giant Spurry. An annual plant extensively cultivated in Europe as a winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. By express, 5 lbs. 85 cts., 10 lbs. \$1.50.

Teosinte. A valuable continuous-cutting forage plant for the Southern and Southwestern States, furnishing a most nutritious food, green or dry, for horses and cattle. Sow in May or June in drills 3½ to 4 feet, 2 to 3 lbs. to the acre. Pkt. 5 cts., oz. 15 cts., ¼ lb. 5 cts., lb. \$1.50, postpaid.

Soja Beans. The Soja Bean is often used to take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of beans 25 to 40 bushels per acre. One of the richest of natural food stocks. Sow about 1 bushel to the acre, either broadcast or drilled.

MAMMOTH YELLOW. Peck 75 cts., bushel (60 lbs.) \$2.75.

Dwarf Essex Rape. This plant is extensively grown for sheep forage, and for green manure. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed to the acre in rows, or broadcast at the rate of 6 pounds to the acre. Our stock is the true Essex Dwarf. Lb. 10 cts., bushel (60 lbs.) \$5, 100 lbs. and over at 9 cts.

Vetch, Spring, or TARES (Vicia sativa). Used for the same thrive on poor soil or withstand extremes of weather as successfully. Sow with oats, using a bushel of each to the acre. Lge. pkt. 5 cts., lb. 20 cts., postpaid. By freight, lb. 10 cts., 10-lb. lots at 8 cts. per lb., bushel (60 lbs.) \$3, 100 lbs. \$5. Bags free. Special prices on large lots. SAND, HAIRY, or WINTER (Vicia villosa). The winter cover-crop. A large yielding and nutritious forage-crop; splendid for grazing and soil improving. It is every hardy, is valuable as a winter cover-crop to prevent leaching. It is an annual but resows itself and will come up year after year on the same ground. Valuable where clover does not thrive. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of \$16 to \$40 an acre. One to one and one-half bushels of seed required to the acre. Lb. 20 cts., postpaid. By freight, lb. 15 cts., 10 busbels at 14 cts. per lb. 100 lbs. at 13 cts. per lb. Bags free.

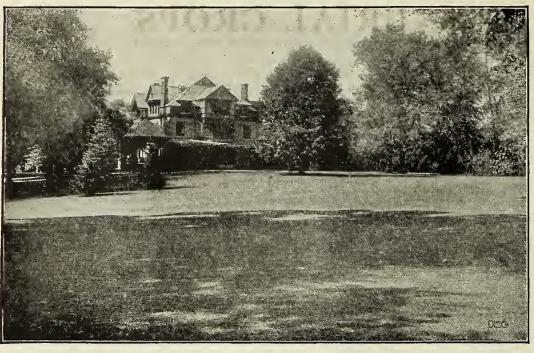
MILLETS

GERMAN, or GOLDEN MILLET. Matures two weeks later than the common Millet. The seed we offer will produce more than double the quantity of fodder usually got on the same ground. Four to five feet high Sow I bushel to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid. By freight or express, bushel (48 lbs.) \$2.25. Price subject to change. PEARL MILLET, or PENICILLARIA. An immense fodder yielder, attaining a height of 8 to 10 feet. Can be cut several times during a season. Sow 10 pounds to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. By freight or express, 10 lbs. \$1, bushel (50 lbs.) about \$4.50.

SIBERIAN. Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, 10 lbs. 75 cts., bushel (50 lbs.) \$2.

COMMON MILLET. Best quality for feeding. Bushel (48 lbs.) \$1.75. JAPANESE MILLET. Particularly valuable in the Northern States as a quick-growing forage and ensilage crop. Six to eight feet, yields to to 18 tons of green fodder to the acre. Two parts of the Millet with one part Soia Beans form a completely balanced ration that may be fed without grain. Sow 10 to 12 pounds to the acre. Lb. 15 cts., 10 lbs. \$1, busbel (30 lbs.) \$2, 2 bushels \$3.75.

HUNGARIAN. A very valuable forage-plant of the Millet family, but not so coarse. Sown and cultivated same as Millet, and quite a favorite with stockmen. Lb. 20 cts., postpaid. By freight or express, 10 lbs. 50 cts., bushel (48 lbs.) about \$2.



This Lawn was sown with Holmes' Capitol Park Lawn Grass Seed

Choice Lawn Grass Seed **Mixtures**

A Few Words Here. The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come We know of soil nothing, weeds will come. We know of soil which was excavated at a depth of 70 feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seed is in spring, from February to May, or if in fall, from September to November, using on small plots at the rate of one quart of seed to each 15 square feet, and for large lawns, golf-links, tennis, cricket and croquet-grounds, use at the rate of 80 pounds of seed per acre, and for putting-greens 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches.it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor. We recommend Holmes' Lawn Dressing as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting

Holmes' Capitol Park Lawn Grass Seed

BOTH FOR FORMING NEW LAWNS AND RENEWING OLD LAWNS. THE KIND THAT G LASTING RESULTS. FOUR WEEKS FROM SOWING YOU CAN USE YOUR MOWER

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, recleaned domestic and foreign grasses, best adapted for a perfect and enduring lawn. No more sodding once Capitol Park Lawn Seed is used; for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. Qt. 25 cts., 2 qts. 45 cts. (add 5 cts. per quart extra if sent by mail). Seed in bulk, by freight or express, peck \$1.25, bushel of 20 lbs. \$4.

HARRY W. MILLER, Harrisburg, Pa., writes: "It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily weeded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sowed, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, The American Lawn Beautiful, which you advised me to read, will give results, and the beauty of it all is no weeds have made their appearance."

HOLMES' TERRACE MIXTURES

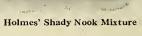
A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold enbankments and cover terraces with a beautiful green turf. By freight or express, qt. 30 cts., peck \$1.50, bushel of 20 lbs \$5.

Holmes' Shady Nook Lawn Mixture

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walks, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy recleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. Qt. 35 cts., postpaid. By freight or express, qt. 30 cts., 4 qts. \$1, peck \$1.60, bushel of 20 lbs. \$5.50.

V. Grant Forrer, Supt. Harrisburg Park Commission, writes: "I desire to say that the grass seed which you furnished of your Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The results obtained were more than satisfactory, and I can unhesitatingly recommend your seed, not only the Shady Nook, but also the grass seed you furnished for golf-course and lawns, as being thoroughly reliable."

The above photograph taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod. PRICES SUBJECT TO CHANGE WITHOUT NOTICE





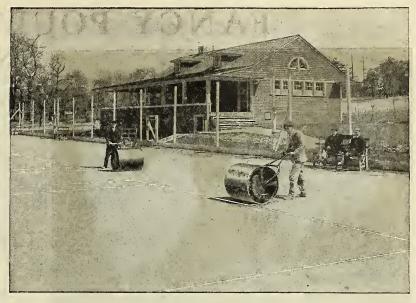
Holmes' Golf-Links Mixture

For some years past we have made up a special mixture of Grasses adapted specially for golf courses. This mixture is composed of Grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time. Holmes Fair Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck 85 cts., bushel of 15 lbs. \$3.25, 5 bushels \$15, 10 bushels \$27.50, 25 bushels \$65.

\$5.25, 5 busines VIII.
\$65.
Holmes' Putting Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck \$1.50, bushel of 20 lbs. \$6, 5 bushels \$28.75, 10 bushels \$55.

The Fair Green Mixture you supplied to the Colonial Country Club for use on the golf course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shaly knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that wasnes, or course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring.

As regards the lawn in front of clubhouse, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture—STEWART MCEWAN, Professional Greenkeeper.

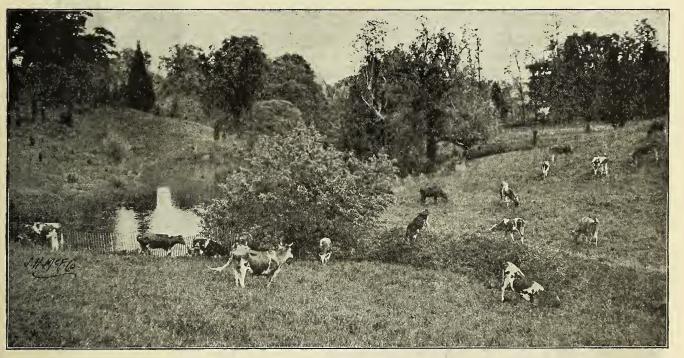


Holmes' "Tough Sod" Grass Mixture

FOR TENNIS-COURTS, CROQUET-GROUNDS, BOWLING-GREENS, BALL-PARKS, ETC.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass Seed is a blend of Grasses especially suited for the making of Grass tennis courts, croquet grounds, bowling greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand to wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or 5 bushels per acre; half that quantity will do for renovating. Price, delivered free in the United States, qt. 30 cts., 4 qts. 75 cts., peck \$1.35, bushel of 20 lbs. \$5.



Holmes' Special Grass Mixture

FOR PERMANENT PASTURE AND HAY

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out it will pay you to plow up and seed again, when you will soon be cutting heavy crops from Holmes' Permanent Pasture Mixture. Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a special mixture for renewing old pasture, etc., write us and we will give information. Lb. 25 cts., by mail 35 cts., bushel of 15 lbs. \$3, 5 bushels \$13.75, 10 bushels \$26, 25 bushels \$62.50, 50 bushels \$120.

FANCY POULTRY



SINGLE COMB WHITE LEGHORNS

Fancy large white eggs command higher prices every year. "Our Birds" are the "Young Strain." They have LONG, DEEP BODIES, are PURE WHITE, BRED TO LAY and will BE PROFITABLE TO YOU. You can get eggs, chicks and stock. Buying our day-old chicks is the safest and least expensive way to get a nice start with a small investment. You need take absolutely no chances when you buy from us. We ship to almost every state, and GUARANTEE SAFE DELIVERY of lively chicks anywhere east of the Mississippi River, if you tell us (when ordering) how far you are from the Express Office and give P. O. and shipping point plainly.

CHICKS ARE EXPRESS PREPAID TO YOU

25 Chicks \$3.75 50 Chicks \$6.75 100 Chicks \$12.50

EGGS FOR HATCHING

Eggs are shipped **prepaid** to you. 15 eggs \$1.75; 30 eggs \$3; 45 eggs \$4; 100 eggs \$6.50. Broken or infertile eggs will be replaced at half price if 50 cents is added to pay for packing and transportation.

BREEDING STOCK

Prepaid

Male Birds \$3.50 each. Pullets \$2.50 each. Pairs mated \$5.50. Yearling Hens \$2.00 each. Trio \$7.50.

BARRED PLYMOUTH ROCKS

Thompson Strain

The Barred Plymouth Rock enjoys the distinction of being the first strictly American breed to become generally popular. In the infancy of the American poultry fancy, the range of variety was limited, consisting only of Shanghais, Chittagongs, Spanish, Games, and what were known as Dominiques. It is generally agreed among authorities that the present-day Barred Plymouth Rock is descended from the cross of the old Dominique and what was then known as the Black Java, the latter being of Asiatic origin.

Its undisputed valuable qualities of furnishing both a toothsome carcass of good quality and weight and being a heavy layer of large brown eggs, as well as a fowl that can "rough it," have made the Plymouth Rock extensively popular with the American farmer. It is a good forager and will give satisfactory results even under conditions not the best.

Plymouth Rocks are popular for broilers, due to the fact that they are rapid growers. They make good capons and good roasting fowls, and their yellow skin and legs make them quick, easy sellers in the markets.

As a fancy fowl the Barred Rock has many admirers. For a time it was the most popular variety. They are found in every poultry exhibition, and fanciers will pay big prices for specimens to win. It requires considerable art and patience to breed winning Barred Rocks

For the backyard flock there is nothing better than the Barred Rock. It has already demonstrated its value as the farmer's fowl, and for the fancier it is worthy of his best skill in breeding and will give considerable satisfaction in return for care and patience in breeding.





Whether you elect to breed Barred Rocks for fancy, for the farm flock, or for your own little backyard table supply, you can be assured of plenty of big brown eggs and toothsome broilers, roasters and fricassees when your table needs them.

PRICES—Single male \$3, pair \$5, trio \$7.50; eggs, \$2 per 15, \$3.50 per 30. No chick of these birds to offer.

SHERWOODS (ONE OF THE HARDIEST FOWLS KNOWN)

After watching these fowls carefully, and superintending the breeding of hundreds of them, I am convinced that they will give satisfaction to the farmer desiring a general-purpose fowl. The legs are yellow, wattles and ear-lobes bright red, comb red and standing erect, plumage pure white. The chicks grow rapidly, mature early, and make excellent broilers in 12 to 14 weeks. Chicks just hatched will weigh twice as much as Brahmas. As layers, the Sherwoods are equal to Plymouth Rocks. The eggs weigh almost twice as much as Brahma eggs.

PRICES—Single or cockerel \$3, pair \$5.50, trio \$8; eggs for hatching, \$1.75 for 13, \$3.50 for 30.

Summer-Flowering Bulbs and Roots



Caladium Esculentum (Elephant's Ear)

Begonias, Tuberous-Rooted

There is hardly a single garden in which there are not semior entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost.

		SINGLE			DOUBL	E
	Each	Doz.	100	Each	Doz.	100
Crimson !	10	\$1 00	\$6 00	15	\$1 50	\$10 00
Orange	10	1 00	6 00	15	1 50	10 00
Pink	10	1 00	6 00	15	1 50	10 00
Scarlet	10	1 00	6 00	15	1 50	10 00
White	10	1 00	6 00	15	1 50	10 00
Yellow	10	1 00	6 00	15	1 50	10 00
Mixed	07	70	5 00	12	1 20	8 50

Add 10 cts. per dozen for mailing Single Bulbs mailed free



Pearl Tuberose

Each

Doz.

\$1 50 1 50

Holmes' Selected Cannas

. Color of	
Foliage	Height
Alphonse Bouvier. Rich velvety redGreen	6 feet
Atalanta. Dark orange-scarlet Green	6 feet
Allemannia. Salmon, bordered yellow Green	4 feet
Austria. Deep golden; large orchid flowers Green	6 feet
Black Prince. Very dark crimson Green	5 1/2 feet
Brandywine. Bright scarlet Bronze	4 feet
Buttercup. Clear yellow	3 feet
Crimson Bedder. Deep redGreen	4 feet
Chas. Henderson. Fine crimson Green	4 feet
David Harum. Bright vermillion-scarlet Bronze	3 feet
Egandale. Bright cherry-redBronze	4 feet
Express. Scarlet-crimsonGreen	2½ feet
Fairhope. Deep crimsonGreen	4 feet
Florence Vaughn. Yellow, spotted crimsonGreen	5 feet
Italia. Golden, blotched crimson; orchid typeGreen	6 feet
J. D. Eisele. Vermilion-scarlet, shaded orangeGreen	3½ feet
Jean Tissot. Intense scarlet, tinted orange Green	5 feet
King Humbert. Rich orange-scarlet Bronze	4 feet
Louisiana. Red; orchid type	7 feet
Mme. Crozy. Scarlet, bordered yellow Green	3 feet
Mrs. Kate Gray. Orange-scarlet, shaded goldGreen	5 feet
Pennsylvania. Deep scarletGreen	6 feet
Pres. McKinley. Brilliant crimson Deep Green	3 feet
Queen Charlotte. Crimson, bordered gold Green	3 feet

Price of any of the above varieties in strong roots, 10 cts. each, \$1 per doz., by mail postpaid; \$6.00 per 100, by express. Mixed Dwarf French, 5 cts. each, 50 cts. per doz., \$35 per 100; Tall Shorts Mixed, 5 cts. each, 50 cts. per doz., \$3.50 per 100. After May 1 we supply plants at 15 cts. each, \$1.50 per doz., \$10 per 100.

Caladium Esculentum

(Elephant's Ear)

As centerpieces or specimens in flowerbeds, Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for ricinus and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.	100
Monster Bulbs	30	\$3 25	\$20 00
Mammoth Bulbs		2 20	15 00
First-Size Bulbs	10	1 10	8 00
Second-Size Bulbs	07	75	5 00
Single Bulbs mailed free. Add for po	stage	to dozen	prices as

Single Bulbs mailed free. Add for postage to dozen prices as follows: Monster Bulbs 15 cts., Mammoth 10 cts., First-Size 5 cts., Second-Size 3 cts.

Holmes' Prize Dahlias

THE CHOICEST OF THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlia roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 6 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

Jack Rose. Rich crimson; large	. 15	1 50
10 per 100. Clifford W. Bruton. Canary-yellow	. 15	1 50
Lyndhurst. Brilliant cardinal-red	. 15	1 50
Sylvia. Deep pink, pure white center.	. 15	1 50
Nymphaea. White suffused with pink	. 15	1 50
Maid of Kent. Cherry-red, tipped white	. 15	1 50
Mrs. Roosevelt. Beautiful light pink	20	2 00
Mrs. Roosevelt. Beautiful light pink Mrs. J. Gardner Cassatt. Deep rose-pink; large	50	5 00
CACTUS DAHLIAS	171-	-
	Each 20	Doz.
Countess of Lonsdale. Salmon-pink and amber	20	\$2 00
Volker. Yellow; free-flowering	25	2 50
Kriemhilde. Brilliant pink	20	2 00 2 00
J. H. Jackson. Crimson-maroon; large.	20 20	2 00
Eva. Dwarf, white; profuse bloomer	25	
Mrs. Edw. Mawley. Soft yellow; large. Floradora. Pure garnet; splendid form.	15	2 50 1 50
Floradora. Fure garnet; spiendid form.	15	1 50
SHOW AND FANCY DAHLIAS	T2 1	ъ
	Each	Doz.
Arabella. Light sulphur-yellow.	15	\$1 50
John Walker. Elegant pure white.	20	2 00
Red Hussar. Pure cardinal-red	15	1 50
Emily. White, tipped soft lilac	15	1 50
Admiral Schley. Rich crimson	15	1 50
A. D. Livoni. Clear soft pink, quilled	15	1 50
Dorothy Peacock. Clear soft pink	75	7 50
White Swan. Large; pure white	20	2 00
SINGLE DAHLIA. "Rebecca Mayhew." Pure white	50	5 00
NEW "GIANT CENTURY" DAILLIAS. Write for list and prices.		

Holmes' Special Dahlia Catalog sent free for the asking



Nymphaea Dahlia

Gloxinias

A gorgeous plant, either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. They can be easily made to bloom in the house as pot-plants. Bulbs must be lifted in the fall.

Named Colors ... By mail, postpaid 15 \$1 50 \$10 00 Choicest Mixed Colors ... 100 1 00 6 00

Summer-Flowering Bulbs and Roots-Continued

Gladiolus Augusta

Holmes' Superb Gladioli The Gladiolus is the most useful of all flowers. Apart from its striking beauty and effectiveness while blooming in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

We name below a few of the latest introductions:

By Mail

By Exp.

The second of the second secon			D 5 12	∿b•
	Each	Doz.	IC	00
AMERICA. Soft lavender-pink	05	50	\$2	75
AUGUSTA. Lovely, pure white with blue anthers	05	50		75
BARON HULOT. Rich, deep indigo-blue; very rare	06	60		50
		00	3	อบ
CHILDSII. Finest mixed varieties. Large size; bril-				
liant colors	05	35	2	50
EUGENE SCRIBE. Rose color, shaded carmine-red	08	75	5	00
GEORGE PAUL. Crimson, stained yellow, spotted				
purple	10	85	4	00
GROFF'S NEW HYBRIDS, MIXED. Selected from		0.0	U	vv
			_	
the cream of high-quality Gladioli	04	30	2	00
HOLMES' SUPERB MIXTURE. Every bulb is ex-				
tra choice; the very largest and finest kind of flowers	04	35	2	00
I. S. HENDRICKSON. Irregular mottling of white		00		00
and pink		9.0		00
VI ONDANE Class and black of animals		80		
KLONDYKE. Clear primrose, blotched crimson	06	60	4	00
KUNDERI "GLORY." Exquisitely ruffled and fluted,				
cream-pink, crimson stripe	10	\$1 00	6	00
MAY. Pure white, flaked crimson; extra strong	0.5	50	3	00
VICTORY. Delicate sulphur-yellow; best yellow	10	1 00		50
We can also furnish all other varieties of Gladie	di uno	m ommlies	41	20
The can also furnish all other varieties of Gladie	on upo	парриса	tion	



Gladiolus America

MISCELLANEOUS BULBS AND BULBOUS PLANTS

A beautiful hardy annual climber, 15 to 30 feet high. CINNAMON VINE. A beautiful hardy annual climber, 15 to 30 feet high. Leaves thick and glossy. The white flowers, borne in clusters, emit a delightful cinnamon-like perfume. Strong roots 5 cts. each, 50 cts. per doz.; extra-strong roots 8 cts. each, 80 cts. per doz., postpaid. MADEIRA, or MEXICAN VINE (Climbing Mignonette). Thick, glossy leaves, and long, banging stems of feathery, fragrant, white flowers. Strong roots 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid. OXALIS, Summer-Blooming. Deppi, white. Lasiandra, pink. Either variety, 2 cts. each, 15 cts. per doz., \$1 per 100. TUBEROSES. Excelsior Pearl, pure white. 3 cts. each, 25 cts. per doz., \$1.50 per 100. Mammoth Bulbs 5 cts. each, 50 cts. per doz. \$3 per 100. Add 15 cts. per doz. for mailing.

Ornamental Vines

AMPELOPSIS Veitchii (Boston Ivy). The best climber to cling to walls, trees, etc. Strong plants 15 cts. each, \$1.50 per doz., \$10 per 100; extra-strong plants 25 cts. each, \$2.50 per doz, \$18 per 100. ARISTOLOCHIA Sipho (Dutchman's Pipe). A strong grower, with large leaves and pipe-like flowers. 50 cts. each, \$5 per doz.

BIGNONIA grandiflora (Trumpet Vine). Large, orange-red flowers. 50 cts. each, \$5 per doz.

Radicans. Dark red; very free-flowering. 25 cts. each, \$2.50 per doz. CLEMATIS paniculata (Japanese Virgin's Bower). One of the finest climbers; clouds of small fragrant flowers in August. Strong plants 15 cts. each, \$1.50 per doz., \$10 per 100; extra-strong plants 25 cts. each, \$2.50 per doz., \$15 per 100.

Henryi. Creamy white; large. 50 cts. each.

Jackmani. The popular rich purple variety. 50 cts. each. Vilie de Lyon. The nearest approach to a red. 50 cts. each.

WISTARIA Sinensis (Chinese Wistaria). Blue. 50 cts. each.

Peonies

These old-time favorites are being planted more and more than ever before. They are admired in open borders, beds along walks and drives; well suited to intermingle among either shrubs or perennials. Their great flowers are perfectly formed, and some are fragrant and as delicately colored as a rose. Peonies grow best in rich, deep soils and sunny positions. They flower at the close of May and in June.

Named Varieties 15 cts. each, \$1.50 per doz. Mixed Varieties 12 cts. each, \$1.25 per doz.

MOUTAN (Tree Peony). These differ from the herbaceous varieties by their growth, which is in the form of a dwarf shrub; they commence blooming about three weeks earlier, and while also perfectly hardy are benefited by slight protection through the winter. We offer strong plants in shades of crimson, pink and white. \$1 each, \$9 per doz.

TENUIFOLIA fl. pl. Interesting on account of their rich crimson, double flowers, and the fine, feathery foliage which makes a handsome ornamental plant. 25 cts. each, \$2.50 per doz.

OFFICINALIS. This type is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other herbaceous sorts. All are strong growers, with large, full-double, fragrant flowers.

Alba. Blush-white. Rosea. Bright rose-pink. Rubra. Deep crimson.

30 cts. each; 1 of each for 75 cts.

HOLMES' HARDY ROSES

Hardy Roses are permanent guests in your garden or about your home. As often as summer comes again they are there with the fragrance and beauty and elegance of old-fashioned places. Put a bed in an empty place, or a row around the outside. The plants we offer are all two-year-old, pot-grown, 2 feet high, many of them in bud when shipped. All are absolutely free from disease and are guaranteed to be satisfactory.

Any of the following large two-year-old plants 50 cts. each, \$5 per dozen, by express, you pay charges; one-year-old plants of the same varieties 35 cts. each, \$3 per dozen, you pay express.

SOUV. DE PIERRE NOTTING. Superb new Tea Rose. A cross of Marechal Niel on Maman Cochet. Color, apricot-yellow tinged with golden. Rim of petals shaded beautiful carmine-rose. Great quantity of

bloom.

KAISERIN AUGUSTA VICTORIA. Hybrid Tea. Large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower with large foliage.

KILLARNEY. A splendid new Hybrid Tea Rose; strong, robust grower; free, continuous bloomer; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed.

CLOTHILDE SOUPERT. Tea Polyantha. One of the freest flowering Roses in our collection, producing perfectly double flowers of a French-white, deepening to rosy blush in the center.

DUCHESSE DE BRABANT. Tea. One of the most deliciously scented and beautiful in cultivation; silvery pink; free growth.

ETOILE DE LYON. Tea. A splendid rich yellow, beautiful in the bud as well as in the flower.

MAD. FRANCISCA KRUGER. Tea. A fine bedding Rose; color,

as well as in the flower.

MAD. FRANCISCA KRUGER. Tea. A fine bedding Rose; color, copper-yellow, shaded with peach; large and full.

HERMOSA. Bourbon-China. The old favorite bright rich pink, which is always in bloom.

MAMAN COCHET. Everblooming Tea. An extra-strong grower, producing large buds and flowers in the greatest profusion; color, deep rose-pink, inner side of petals silvery rose; borne on long, stiff stems; very double and exquisite when in bud.

WHITE MAMAN COCHET. Everblooming Tea. Identical with Maman Cochet, except in color, which is pure white.

FRAU KARL DRUSCHKI. Hybrid Perpetual. This is an ideal hardy white Rose, pure in color, perfect in form, strong grower and remarkably free-flowering; superb in every way.

HELEN GOULD, or BALDUIN. Tea. An excellent bedding variety, with large full flowers of fine form; bright, glowing carmine; a free and continuous bloomer.
GENERAL JACQUEMINOT. Hybrid Perpetual. Brilliant scarlet-

crimson.

LA FRANCE. Hybrid Tea. An old favorite and probably the most popular Rose the world over. Flowers clear, satiny pink; large; very full

popular Rose the world over. Flowers clear, sating plans, and of perfect form.

GLOIRE LYONNAISE. Hybrid Perpetual. White, tinted with yellow; large, full and of good shape; very distinct.

MAGNA CHARTA. Hybrid Perpetual. Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

MRS. JOHN LAING. Hybrid Perpetual. Soft pink of beautiful form; exceedingly fragrant and remarkably free flowering.

PAUL NEYRON. Hybrid Perpetual. The largest Rose; smoky rose color. An old favorite.

Climbing Roses

CRIMSON RAMBLER. Plants 2 to 3 feet, 50 cts. each. PINK RAMBLER. Plants 2 to 3 feet, 50 cts. each. WHITE RAMBLER. Plants 2 to 3 feet, 50 cts. each. YELLOW RAMBLER. Plants 2 to 3 feet, 50 cts. each.

Our Guarantee.

The shipping of Roses and other plants by mall is so unsatisfactory to the buyer that we have decided to offer only large, strong one and two-year-old plants by express, which we will guarantee to please you. Roses and Hardy Climbers will not be ready to ship before May 1, and unless otherwise ordered, we will seem all large on a plant that date. send all plants on or about that date.



In all cases the order will be filled exactly as desired, but in order to take advantage of this reduced price offer, it will be necessary to mention the fact in the order.

HOLMES' SUPERIOR FLOWER SEEDS

On the following pages are listed the very best flower seeds that can be grown. We offer them with the full consciousness of their superiority, knowing that they will give unbounded satisfaction. We guarantee all of them to be absolutely fresh, new crop, tested and of strong germination power. We have listed all seeds by using the botanical in some instances and the English names in others. There are also cross references wherever needed so that every variety may reddily be under either name.

may readily be under either name. Following each name will be found letters according to the following table, showing the nature and character of each plant, and figures showing the height to which it naturally grows. The letters and their meanings are as follows:

A. A. fall. Annual-Blooming the same year of planting, but dying in the

HA. Hardy Annual—Growing with but little care.
HHA. Half-Hardy Annual—Requiring protection in unfavorable

HAA. Han-Hardy Annual—Requiring protection in unavocable seasons.
B. Biennial—Lasting two years.
HP. Hardy Perennial—Permanent in growth, coming up each spring from the roots, and increasing in size and beauty.
TP. Tender Perennial—Requiring mulching or protection during the winter.

TP. Tende

P. Greenhouse Perennial Plants—Those suitable only for growing in pots in the conservatory or house.

S. Greenhouse Shrubby Plants—which are appropriate for greenhouse culture, but which can be planted outside during the

summer.

We shall be glad, at all times, to answer questions relative to the growing of flowers, and will cheerfully give our patrons the benefit of our experience. Write us for any information desired.

Special Collections of Flower Seeds

A NEW MONEY-SAVING PLAN—SATISFACTION GUARANTEED

To give our patrons all the advantages possible in their purchase of flower seeds, we have devised a plan whereby everyone has a chance to make his own selection of seeds, but to obtain them at reduced prices.

By this plan selections and payments may be made as

Select Flower Seeds to the value of \$3.00 and remit \$2.00 with the order.

Select Flower Seeds to the value of \$2.00 and remit \$1.40

with the order.
Select Flower Seeds to the value of \$1.50 and remit \$1.00 with the order.
Select Flower Seeds to the value of \$1.00 and remit \$0.70

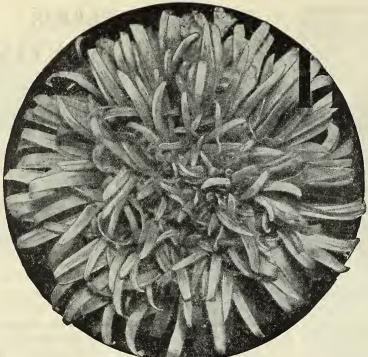
with the order.

	ALL FLOWER SEEDS DE	LIVER	ED FREE, I
		Pkt.	Lge. Pkt.
1 5	ing. Rose-colored flowers in clusters. For baskets, borders and rockeries	05	25
10	der shrub, with handsome foliage and bright bell-shaped flowers. Mixed colors. For Carden, greenhouse or house	10	40
	ACONITUM (Monk's Hood). HP. 4ft. Panicles of helmet-shaped flowers.	10	30
15	Napellus. Blue	05	25
16 20	Napellus. White	05	40
	decoration	05	15
25	ADLUMIA cirrhosa (Allegheny Vine). B.	4.0	25
20	Climbing. Splendid climber, with pink flowers. ADONIS aestivalis (Flos Adonis). A. I ft.	10	25
30	Feathery leaves; blue flowers	05	15
	AGERATUM (Floss Flower). A. For edging;	0.5	•
	blooms all summer.	4.0	20
31	Blue Perfection. 9 in. Blue	10 15	20 50
32 33	Blue Star. 5 in. Bright blue	05	15
34	grandiflora alba. 9 in. White; large flowers.	10	15
35	Princess Victoria Louise. 6 in. Light blue,		
	white center	10	30
36	Fine Mixed. Both colors mixed	05	15
	AGROSTEMMA. HP. 2 to 3 ft. Free blooming.		
46	Fine for dry places. coronaria (Rose Campion). Rose-colored	05	15
10	ALLEGHENY VINE. See Adlumia.		
	ALTHAEA. See Hollyhock.		
	ALYSSUM. Clusters of small flowers all summer.		
51	For edging. saxatile compactum (Basket of Gold). HP.	Dlet	Oz.
31	r ft Vellow	05	75
52	I ft. Yellow	05	50
53	procumbens (Carpet of Snow). HA. White;	0.00	
	very dwarf	05	60 25
54	AMARANTHUS. A. 2 to 3 ft. Handsome	05	23
	foliage and plume-like flowers.	Pkt.	Lge. Pkt.
59	caudatus (Love-Lies-Bleeding). Red	05	15
60	salicifolius (Fountain Plant). Red; drooping.	05	30





Holmes' Late Giant Branching Aster



ASTERMUM. A Glorified Aster

		Pkt.	Lge. Pkt.
74	ANCHUSA capensis. HP. 11/2 ft. Purple flowers.	05	40
79	ANEMONE (Wind Flower). HP. 2 ft. Charm-		
	ing double flowers; all colors	05	20
	ANIMATED OATS (Avena sterilis). See Grasses.		
	ANTIRRHINUM (Snapdragon). HP. Magnifi-		
	cent trusses of odd-shaped flowers. Tall Varieties. 2 to 3 ft.		
84	Giant Pink	10	25
85	Giant Scarlet	10	25
86	Giant Striped.	10	25
87	Giant White	10	25
88	Giant Yellow	îŏ	25
89	Giant Mixed	10	20
	Semidwarf Varieties. 1 to 1 ½ ft.		
94	Daphne. Bright Pink	15	40
95	Firefly. Scarlet and white	10	20
96	Golden Queen. Yellow	10	20
97	Queen of the North. White	10	20
	Dwarf Varieties. 6 in.		
98	Golden Sun	10 '	40
99	Mixed	05	20
	AQUILEGIA (Columbine). HP. 2 ft. Quaint,		
105	spurred flowers on long stems. Long-spurred Hybrids. Mixed colors	10	40
106	Canadensis	05	25
107	chrysantha. Golden yellow	10	25
108	chrysantha alba. White	10	30
109	California Hybrids. Yellow and scarlet	10	25
110	caerulea. Blue	10	40
111	glandulosa. Blue and white	15	40
112	Haylodgensis delicatissima	20	50
113	nivea grandiflora	05	15
114	Rose Queen	20	50
115	Single Mixed. All colors	05	15
116	Double Mixed. All colors	05	15
125	ARISTOLOCHIA Sipho (Dutchman's Pipe).		
	HP. Climbing Vine. Brown and yellow	4.0	
130	flowers; large, heart-shaped leaves, 30 seeds ASCLEPIAS tuberosa. HP. 2 ft. Orange	10	
130	flowers in spiles	10	
	flowers in spikes	10	
	stems, for pots and baskets.		
135	plumosus. Fine, lace-like foliage	25	\$1 00
136	Sprengeri. Coarser foliage; red seed berries	10	50

Elmira, N. Y., Nov. 9, 1914.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: In reply to your favor of October 31, your Emperor Celery and Columbia are not at all alike in size, shape or growth.

The Emperor is a much heavier stalk and stalkier heads, large, thick, fine ribs. Also a larger leaf.

One's first glance, the Emperor resembles the Columbia, but on close inspection they are entirely different. We are growing both and have concluded to grow only the Emperor for late next season. It is the kind of the late varieties.

Please parden delay: a begane from home cause of delay.

Please pardon delay; absence from home cause of delay.

Respectfully yours,

MILLER BROS. Per A. G. M. 230

231 232

242

Asters. A. 1 to 2 ft.

The best known and most popular of all late-blooming garden annuals. Some are handsomely quilled, and others rival the largest chrysanthemums in form and beauty. Special instruction in their cultivation will be sent upon application.

instruction in their cultivation will be sent upon application.

ASTERMUM. A Glorified Aster
(See illustration)

The plant itself grows straight up with very strong, sturdy stems starting near base and reaching from 18 to 24 inches; even the center stems are plenty long enough for the market.

The three colors are unsurpassed. The lavender has never been produced before. The pink is the beautiful pink of the rose and the white is as white as the driven snow. Each plant yields from 10 to 15 blooms, measuring fully 5 inches in diameter, and their solidity is such that they make good shippers. They do not require either disbranching or disbudding, in fact, there are but few side buds. Owing to the symmetry of the plants, they may be set only 9 inches apart. They seem to vie with each other in reaching up and the roots are better shaded; in case of storm, they support each other and the bloom remains unharmed. unharmed.

137 Pink. A beautiful rose-pink.
138 Lavender.
139 White. As white as the driven snow.
Pkt. 20 cts., ½ oz. \$2.50. One packet of each color for

Marie Section 1	Pkt. 20 cts., ¼ oz. \$2.50. One packet of 50 cts.	f each	color for
	Holmes' New Imperial Asters.		
	True Comet type: extra large	Pkt.	Oz.
	140 Daybreak. Shell-pink	10	\$3 00
Service of	141 Lavender. Charming shade 142 Purity. Pure white	10 10	3 00 3 00
	143 Sunset. Light pink; deep center.	10	3 00
	150 Holmes' Lavender Gem. Delicate		0 00
	142 Purity. Pure white. 143 Sunset. Light pink; deep center. 150 Holmes' Lavender Gem. Delicate color; feathered like an ostrich-		
	plume	10	2 50
	curved and twisted netals.	Pkt.	Lge. Pkt.
	curved and twisted petals. 155 Rochester. Lavender-pink; very	I Kt.	Lgc. 1 At.
	large	15	50
	large 156 White. Midseason; extra large 160 Holmes' Rose King. Brilliant rose-	15	50
	160 Holmes' Rose King. Brilliant rose-	Pkt. 15	Oz. \$2 50
	color; very large	13	φ2 30
	handsome; dwarf	10	2 50
	170 Holmes' Violet King. Soft violet-		
	lilac; petals very much twisted	10	2 00
	and curledGiant Comet Asters. Resemble chrysanthemums;	10	2 00
	often 6 inches across: petals long and twisted.		
175	often 6 inches across; petals long and twisted. Rose. Delicate shade	10	3 00 3 00
176	White. Clear and brilliant	10	
177	Mixed Colors	10	2 00
	Giant Ostrich-Feather Asters. Petals very	D1-4	1/ 00
180	much twisted, resembling a handsome plume.	10	- ½ oz. 60
181	White	10	60
182	Carmine	10	60
183	Blue. Mixed Colors. Giant Late Branching Asters. Extra large	10	60
184	Mixed Colors.	10	50
	flowers. Fine for cutting.	Pkt.	Oz.
190	White	05	\$1 50
191	Pink	0.5	1 50
192	Purple	05	
193	Lavender	05 05 05	1 50 1 50 1 50
194 195	Crimson	05	1 50
193	Holmes' Queen of the Market Asters.	0.5	1 30
	Mixed Colors. Holmes' Queen of the Market Asters. Distinct type; very large flowers on long stems. Extra early.		
	stems. Extra early.		
200		05	1 00
201 202	Red	05 05	1 00 1 00
203	RoseWhite	05	1 00
204		05	1 00
	AUSTRALIAN STRAW FLOWER. See Heli-		
	chrysum.		
	AVENA sterilis. See Grasses. BACHELOR'S BUTTON. See Centaurea. BALLOON VINE. See Cardiospermum.		
	BALLOON VINE. See Cardiospermum.		
	BALSAM, Camellia-flowered (Impatiens Bal-		
	samina). Lady Slipper. HHA. 11/2 ft.		
	Well-known, old-fashioned garden plant, bear-		
	BALSAM, Camellia-flowered (Impatiens Balsamina). Lady Slipper. HHA. 1½ ft. Well-known, old-fashioned garden plant, bearing dainty, double, rose-like flowers on an erect stalk. See, also, Impatiens.		
210	Pink	10	\$1 00
211	Salmon-pink	10	1 50
212	Scarlet	10	1 00
213 214	White. Choice Mixed. All colors	10 10	1 50 75
214	BALSAM APPLE; BALSAM PEAR. See	10	13
	Momordica.		
219	BARTONIA aurea. HA. 1 ft. Golden-yellow	-	
	flowers, fragrant in the evening. Deeply cut	PKt.	Lge. Pkt.
	foliage	10	13
224	foliage. BABY'S BREATH. See Gypsophila. BEANS, SCARLET RUNNER. A. Climbing.		
	Broad toliage and scarlet flowers followed by	Pkt.	Pt.
	long, edible beans. Fine for porches BEGONIA. GP. 1 to 1½ ft. Handsome foliage	05	20
	BEGUNIA. GP. I to 1½ tt. Handsome foliage		
	and flowers. Semperflorens type. Everblooming. For		

and flowers.

Semperflorens type. Everblooming. For bedding and pot culture.

Anna Regina. Rose-color...

Zulu King. Blood-red flowers; dark red foliage.

Queen of Carpet Bedders. Red foliage; orange-red flowers; compact in growth...

Vernon. Light red flowers; dark red foliage.

Rex Hybrids. Magnificent, large, odd-shaped foliage; all colors and markings, mixed....

Pkt.

15

15 15

Lge. Pkt

65 65

40 30

	BEGONIA—continued Tuberous-rooted. For massing in shady places. Pkt. Lge. l	Pkt.		
252 253	shady places. Single Varieties, choice mixed 15 Double Varieties, choice mixed 25 See, also, Summer-flowering Bulbs and Roots.	65		
	BELLIS perennis (English Daisy). B. 4 in. Dainty little flowers in			The parties of the second
260 261	early spring. Pink and white. Holmes' Mammoth White 15 German Double Mixed 15 BLACK-EYED SUSAN. See Thun-	65 40		为一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
266	bergia. BLANKET FLOWER. See Gaillardia. BOSTON IVY. See Ampelopsis. BRACHYCOME (Swan River Daisy).	20		
271	A. I ft. For edging, Mixed 05 BRIZA maxima, See Grasses. BROMUS brizaeformis. See Grasses. BROWALLIA (Amethyst). A. 2 ft.	20	ay V	
	Blue and white flowers. Fine for garden and house blooming 05	20		
276	BUTTERFLY FLOWER. See Schizanthus. CACALIA coccinea (Tassel Flower).			THO ARE DESCRIPTION
	A. 1½ ft. Pretty tassel-like scarlet flowers			
	CALCEOLARIA (Pocket Flower). GP. I to 2 ft. Charming house plants,			
201	with curious striped and mottled flowers.		- 1 A	
281 282	hybrida grandiflora. Tall; mixed colors	75		
283	pacta. Dwarf mixed 25 James' Perfection Strain. All	75	6,41/2	
	colors; beautifully marked 50 \$1 CALENDULA officinalis (Pot Marigold). A. 1 to 2 ft. Showy garden flowers, constantly in bloom,	25		
288	Prince of Orange. Bright vellow Pkt.	Oz. 25		NA MAGA
289	and orange	25	11	
290	Double Mixed. Orange, yellow and white	25		
	scholtzia. CALLIOPSIS, or COREOPSIS. 1 to 2 ft. Showy lorge delay like flowers			
295 296 297	ft. Showy, large, daisy-like flowers. coronata. A. Yellow	25 25		NO NEW YORK
297 298	lanceolata (Coreopsis). HP. Bril-	25		
303	CALLIRHOE involucrata (Poppy Mallow). HP. Trailing. Bright saucer-shaped flowers;	50 Pkt.		Group of Double Annual Pinks, see page 44
	crimson, white centers	10		CELOSIA. A. I to 2 ft. Brilliant bedding plants, with unique flowers. Fine for pots. Pkt. Lge. Pkt.
	spikes. Biennial Varieties: Medium (Canterbury Bells). 2 ft.	Pkt.	Lge. Pkt.	383 Dwarf Feathered. Rose-colored. 05 25 384 Glasgow Prize (Crimson Comb). Crested. 05 25 385 Thompsoni magnifica. Yellow and red. 10 25
308	Blue 05	05	. 15	386 Dwarf Mixed. Low-growing; mixed colors 05 15 387 Extra Fine Mixed. All kinds 05 25
309	Pink 05 15 311 Mixed Calycanthema (Cup-and-Saucer). 2 ft. Pkt. Lge. Pkt. Blue 10 30 318 White	10	20	CENTAUREA Cyanus (Cornflower, or Bachelor's Button). HA. I to 3 ft. Handsome old- fashioned flowers. Pkt. Oz. Emperor William. Blue; extra large 05 50
317	Blue 10 30 318 White	10	25	393 Double Blue. Very large; handsome 10 \$1 50
324 325	Blue	05 05	15 15	394 Pink 05 25 396 Single Mixed 05 25 395 White 05 25 397 Double Mixed 05 25 CENTAUREA imperialis (Giant Cornflower).
330	White Persicifolia grandiflora (Peach Bells). 4 ft. White flowers in stately spikes	15	30	Sweet-scented. Pkt. Lge. Pkt. 400 Deep Rose
335	Pyramidalis (Chimney Bellflower), 6 ft. Majestic pyramids of blue, bell-shaped flowers. CANDYTUFT (Iberis). HA. Clusters of small	05	20	401 Lavender 10 75 402 Lilac 10 75 403 Brilliant Pink 10 75 404 Purple 10 75 405 White 10 75
340	flowers; fine for borders and cutting. All colors. Holmes' Giant White . I ft. Extra fine	Pkt. 10	Oz. 60	404 Purple 10 75 405 White 10 75 406 Choice Mixed 10 60 CENTAUREA, White-leaved. (Dusty Miller).
341 342	Carmine. Deep scarlet	05 05 10	40 30 40	406 Choice Mixed 10 60 CENTAUREA, White-leaved. (Dusty Miller). For edges. Pkt. 500 Seeds
343 344 345	Empress. White; extra large Little Prince. White; dwarf; for edges Pink	10 05	50 40	410 gymnocarpa, Finely cut; silvery gray 10 20 411 candidissima. Broad leaves, cut
346 347	White Rocket. Long, heavy spikes	10 05	\$3 00 25	415 CENTAUREA moschata (Sweet Sultan). Hand- Pkt. Lge. Pkt.
360	GANNAS (Indian Shot). A. 3 to 6 ft. Mostly grown from roots, but can successfully be grown from seed, by cutting seed with a sharp			CHEIRANTHUS. See Walliflower. CHIMNEY BELLFLOWER. See Campanula. CHINESE BELLFLOWER. See Platycodon. CHINESE PRIMROSE. See Primula. CHRYSANTHEMUM. HP. 1½ to 3 ft.
	file. Mixed colors. See, also, Bulbs and Roots CANTERBURY BELLS. See Campanula. CARDINAL FLOWER. See Lobelia cardinalis.	05	25	CHINESE PRIMROSE. See Primula. CHRYSANTHEMUM. HP. 1½ to 3 ft.
365	CARDIOSPERMUM halicacabum (Balloon			420 Double Wixed. All colors; autumn 20 65
	Vine; Love-in-a-Puff). HHA. Pretty and graceful climber, with white blossoms and balloon-like seed-pods	10	25	White, with yellow disc
	CARNATION, Marguerite. A. 1½ ft. Well-known garden flowers of spicy fragrance			
370	Red 10	Pkt.	Lge. Pkt. 40 40	many colors. 427 Holmes' Prize Strain. Mixed colors
371 374	Scarlet 10 40 373 White Finest Mixed. All colors CARNATION. 1½ ft. Florist's greenhouse sorts.	10 10	25	427 Holmes' Prize Strain. Mixed colors. 35 75 428 James' Giant Strain. Mixed colors. 50 1 25 429 Prize Dwarf. All colors. 35 74 430 Prize Medium Tall. Mixed colors. 35 75 431 hybrida, Choice Mixed. Splendid selection. 25 65
377 378	Fancy Extra Choice. Mixed colors. Choice Double. Fancy Picotee. Mixed colors.	10 10	50 50	4.32 stellata hybrids. Mixed colors
379	Fancy Picotee. Mixed colors	10	50	433 plenissima. Dwarf; double; mixed 05 25 CINERARIA, White-leaved. For edging. 435 maritima candidissima (Dusty Miller) 05 15
	CASTOR-OIL FLANT. See Kicinus.			To the state of th

445	CINNAMON VINE. See Bulbs. CITRIODORA (Lemon Verbena). TP. Pale	kt.	Lge. Pkt.		DIAMOND FLOWER. See lonopsidium.		
450	green, lemon-scented foliage	10			DIANTHUS (Pinks). B. 1 ft. Charming, clove- scented flowers of the old time gardens. See, also, Carnations.		
100	various colored flowers	05	15	550	Double Varieties:		Lge. Pkt.
455	paniculata (Japan Virgin's Bower). Great profusion of sweet-scented, small white flowers.	05	20	551 552	Chinensls. All colors mixed. Dwarf Snowball. White. Dwarf Fireball. Blood-red; globe-shaped.	05 05	15 20
458	Large flowered. See under Climbing Plants. CLEOME pungens (Spider Plant). A. 4 ft.	00	20	557	Single varieties:	10	20
	Bushy plant with odd pink flowers	05	20	558 559	stellarius (Star Pink). Mixed colors Japonicus, "Eastern Queen." Fringed. Dainty. White. plumarius, "Pheasant's Eye." Dark center.	05 05	20 15
	ft. rapid climber, bearing quaint cup-and-saucer-like flowers.			560 561	Dainty. White.	05 05	20 15
463 464	White	05 05	30 15	562	terscotius (Florist's Pink). Mixed	05	15
	Violet-blue	00		563 564	laciniatus, Mixed. All colors. Large White. Resembles a Carnation	10 05	20 15
	COLEUS. GS. 2 ft. Handsome plants, with foliage of many colors curiously marked and			569	Barbatus (Sweet William).	05	20
469	splashed. Large-leaved. Bronzy foliage	15	65	570 571	Holmes' Giant Double Mixed Brilliant Red	05 05	20 20 20
470	Finest Mixed. All colors. COLUMBINE. See Aquilegia.	10	50	572	Pure White Perfection. Single; mixed colors.	05 05	20 20
	CONEFLOWER. See Rudbeckia. CONVOLVULUS. See Morning-Glory.			582	DICTAMNUS fraxinella (Gas Plant). HP. 2 ft. Showy border plant; large spikes.	0.5	
	COREOPSIS. See Calliopsis. CORNFLOWER. See Centaurea.			583	rosea. Rose-pink. alba. White	05 05	15 15
	COSMOS. A. 2 to 6 ft. Handsome, stately plants, with feathery foliage, bearing multi-			588	DIGITALIS (Foxglove). HP. 4 ft. Majestic spires of tubular from so of all colors.		
	tudes of brilliant flowers late in the season. Pinch tips of plants when a foot high to induce			000	monstrosa. Extra large; the spire is surmounted by one large flower DUSTY MILLER. See Centaurea and Cineraria.	10	30
475	bushy growth. Holmes' Mammoth Perfection. Mixed	Pkt.	Oz.	598	ECHINOCYSTIS lobata (Wild Cucumber). HA. Climbing vine. A rampant grower, covered in		
476	colors; flowers very large and round Lady Lenox. New. Large, shell-pink	05 05	50 \$1 25		summer with dainty spikes of white flowers	Pkt.	Oz.
477 478	Klondyke. Golden yellow. New Giant Mixed	10 05	1 25 75		followed by curious seed-pods ELEPHANT'S EAR. See Caladium. ESCHSCHOLTZIA (California Poppy). HA.	05	30
479 480		05 05	75 75		I ft. Masses of showy poppy-like flowers all summer.		
481 482	Dawn. Dwarf; early; white	05 05	75 75	603 604	Holmes' Mammoth White. White; large Hunnemannia. Bush-form; yellow	05 05	30 75
483	Ralnbow. All colors in one flower	05	1 50	605 606	Golden West. Orange-yellow	05 10	75 40 35
487	CROTOLARIA retusa (Florida Rattlebox). A. 1½ ft. Golden yellow; much like a sweet pea			607 608	Rose. Carmine-rose	10 05	40 25
	in shape. Seed-pods rattle	10		613	EULALIA Japonica. See Grasses. EUPHORBIA variegata (Snow-on-the-Mountain)		
490	CUPHEA platycentra (Cigar Plant). HHA. I ft. Quaint scarlet tubular flowers, with				HA. 2 ft. Veined and margined white.	05	30,
	white tips. For baskets	15			EVENING-GLORY. See Ipomoea. EVENING PRIMROSE. See Oenothera.		
	Cobaea. CUP FLOWER. See Nierembergia.				EVERLASTING FLOWERS. See Xeranthemum. FALSE DRAGON HEAD. See Physostegia.		
	CUT-AND-COME-AGAIN. See Stocks. CYCLAMEN, Holmes' Superb Glants. GP.				FEATHER GRASS. See Grasses. FEVERFEW. See Matricaria.		
	9 in. One of the handsomest of all conserva- tory or house plants, with exquisitely shaped				FLAME FLOWER. See Tritoma. FLORIDA RATTLEBOX. See Crotolaria.		
	and colored flowers and curiously mottled foliage. Our Cyclamen seed is grown specially				FLOS ADONIS. See Adonis. FLOSS FLOWER. See Ageratum.		
	for us by the leading expert in England, and we can guarantee its purity and blooming				FLOSS FLOWER. See Ageratum, FLOWERING FLAG. See Iris. FLOWERING MAPLE. See Abution.		
492	quality. Duke of Connaught. Crimson	Pkt. 50	100 Seeds \$1 50		FLOWERING TOBACCO. See Nicotiana. FORGET-ME-NOT. See Myosotis. FOUR O'CLOCK. See Mirabilis.		,
493 494	grandiflora alba. White; extra large	50 50	1 50 1 50		FOXGLOVE. See Digitalis.		
495 496	Princess of Wales. Pink	50 50	1 50 1 50	618	FUCHSIA (Lady's Eardrop). GS. 2 ft. Dainty, two-parted flowers, in various colors	30	100 Seeds 50
497 498	Mixed. All colors	50	1 25		GAILLARDIA (Blanket Flower). 2 ft. Brilliant daisy-like flowers in shades of yellow and		
502	above varieties	35	1 25	623	orange. Annual Varleties:	Pkt.	Lge. Pkt.
	2 ft. Graceful house plant with long stems and palm-like foliage.	10	Lge. Pkt. 50	624	picta. Mixed colors	05	15
	CYPRESS VINE (Impomoea Quamoclit). A. 20 ft. Graceful climbing vine, with feathery	DI 4	0-	626	Perennial Varieties: grandifiora. Mixed colors; brown center	10	20
507 508	foliage and star-like flowers. White	Pkt. 05 05	Oz. 30 30	627 628 629	grandiflora compacta. Dwarf	10 10 10	20 30 30
509	Scarlet Mixed CYPRESS, SUMMER. See Kochia.	05	25	029	GAS PLANT. See Dictamnus. GERANIUM (Pelargonium). GS. 1½ ft. The	10	30
	DAHLIAS. HHA. 2 to 5 ft. Superb, decorative plants, grown mostly from roots, but can be				well-known and popular bedding flowers. Grow well from seed.		
	successfully grown from seed. See, also, Bulbs and Roots.	Pkt.	Lge. Pkt.	632 633	Zonal. Mixed colors	10 10	20
514 515	Superb Single. Mixed colors and forms Double Large Flowering. Mixed varieties	10	30 30	000	GLADIOLI. See Bulbs and Roots.		
516	Pompone Choice mived: small flowers	10	30		GLOBE AMARANTH. See Gomphrena. GLOXINIA. GP. 2 ft. Curious, velvet-throated flowers, handsomely marked, spotted and		
	DAISY, English. See Bellis perennis. Swan River. See Brachycome. Shasta. See Chrysanthemum.			637	stained. Holmes' Tiger-spotted. Gorgeous coloring. Mixed Hybrids Brilliant colors: velvety	25	75
	Paris, or Marguerite. See Chrysanthemum. DELPHINIUM (Larkspur). Stately spikes of			638		25	75
	beautiful flowers in June and in fall. Perennial Varieties:				foliage. See, also, under Bulbs		
525 526	Belladonna. 5 ft. Delicate blue Burbank's Hybrids. 4 to 5 ft. Mixed	25 25	65 50	643 644	Bijou. Blush-pink	05 05	15 15 15
527 528	Chinese (D. grandiflorum album). White	05 05	15 20	645	Finest Mixed. All colors GOLDENROD. See Solidago. GOMPHRENA (Globe Amaranth). A. I to 2 ft.	05	15
529 530	formosum. 5 ft. Deep blue	10 10	50 50		Coarse plants, with a profusion of globe-		
531	Mixed. All colors	Pkt.	20 Oz.	150		Pkt.	Oz. 30
536 537	Emperor. 3 to 4 ft. Mixed colors Tall Rocket. 2 ft. Mixed colors	10 05	40 30	650 651	nana compacta. Dwarf; red flowers	05 05 05	30 30 25
538	Double Dwarf Rocket. I ft. Mixed Giant Hyacinth-flowered:	05	25	652	Mixed. All colors	03	20
542 543	Dark Blue. 2½ ft	05 05	60 60	455	growth, bearing yellow flowers and curious seed-vessels.	05	25
544 545	White. 3 ft	05 05	60 50	655 656	Sugar Trough (Sap Bucket). Largest White Egg (Nest Egg). Very useful	05	25 25

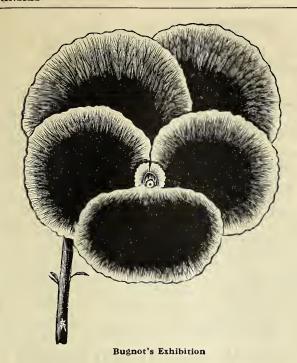
		D1 .	0		TODELLA II		
657	Dishcloth (Luffa, or Bonnet Gourd)	Pkt. 05	Oz. 25		for their blue and white flowers.		,
658 659	Mock Orange. The best known	05 05	25 20	783	Annual Varieties: Compacta alba. White; trailing	Pkt. 10	Lge. Pkt.
665	GRASSES, Ornamental: Avena sterilis (Animated Oats). A. Interesting.	Pkt. 05		784 785	compacta. Mixed colors	10 10	30 25
666	Briza maxima (Quaking Grass). A. For				Perennial Variety:	10	23
667	Bromus brizaeformis. A. Winter bouquets.	05 05	15 15	786	cardinalis (Cardinal Flower). Rich cardinal- red	10	50
668	Coix lachrymae (Job's Tears). Seed resembles tears	05	10		LOVE-IN-A-MIST. See Nigella. LOVE-IN-A-PUFF. See Cardiospermum.		
669 670	Eulalia Japonica. HP. Beautiful	05	15	791	LUNARIA biennis (Honesty; Satin Flower). B. 2 ft. Interesting garden plants, with purple		
	Gynerium argenteum (Pampas Grass). HP. Fine	05	15		flowers and curious, transparent seed-pods, F		Oz.
671	Hordeum jubatum (Squirrel Tail Grass). A. Bushy	05	15		much used for winter decoration LUPINUS (Lupin). A. and HP. 2 ft. Splendid	05	40
672	Pennisetum Rueppelianum (Purple Fountain Grass). A. Crimson plumes	05	15		showy plants, bearing fine spikes of pea- shaped flowers of all colors.		
673	Stipa pennata. HP (Feather Grass) SPECIAL OFFER. One packet each of the	05	15	796 797	Annual Varieties. All colors mixed Perennial Varieties. All colors mixed	05 10	20 30
	above 9 varieties of Ornamental Grasses, 40 cts.			802	LYCHNIS Chalcedonica (Jerusalem Cross).	10	30
678					HP. 2 ft. Fine, showy garden plants, with scarlet cross-shaped flowers in clusters	05	40
	HP. 3 ft. Small white flowers in sprays forming a misty effect above the plant	. 05	15		MADAGASCAR PERIWINKLE. See Vinca. MALLOW. See Hibiscus.		
	HELIANTHUS (Sunflower). A. and HP. Bold, majestic plants, with large ray flowers.				MARGUERITE. See Chrysanthemum. MARIGOLD (Tagetes). HA. Favorite garden		
683	cucumerifolius. A. 3 ft. Yellow	05	15		annuals in all shades of yellow, brown and red.		
684 685	multiflorus. P. 4 ft. Double; golden "The Dahlia." P. 7 ft. Double; golden	05 05	15 15	0.00	Very free flowering; require sunny situation. Large African Varieties. 3 ft.		
686 687	Silver-leaved. A. 4 ft. Foliage silvery Miniature. A. 3 ft. Small; orange-yellow. HELENIUM Bigelovii. HP. 5 to 6 ft. Daisy-	05 05	15 15	807 808	Large African Varieties. 3 ft. Lemon Queen. 3 ft. Lemon-yellow Eldorado. 3 ft. Yellow; large	05 05	\$1 00 1 00
692	HELENIUM Bigelovii. HP. 5 to 6 ft. Daisy- like yellow flowers	10	30	809	Double Mixed. 3 ft. All shades French Varieties:	05	75
697	HELICHRYSUM (Straw Flower). A. 2 to 3 ft. One of the best "everlasting" flowers. All colors	05	15	814 815	Legion of Honor. 6 in. Yellow and brown. Striped Single. 1 ft. Yellow and brown	05 05	75 50
	HELIOTROPE. GS. 2 ft. Beautiful sprays of	US	13	816	Brown-marbled, r ft. Red and brown	05	50
702	small flowers of exquisite perfume. Holmes' Mammoth Blue. Largest of all.	70		817 818	Double Mixed. Tall, 18 in. Mixed Dwarf Striped. Dark brown	05 05	75 75
703	Flower heads often measure a foot across Choice Mixed. All shades; delicious perfume.	10 10	50 25		MARIGOLD, POT. See Calendula. MARVEL OF PERU. See Mirabilis.		
708	HESPERIS (Sweet Rocket; Dame's Rocket; Dame's Violet). HP. 2 to 3 ft. Spikes of			823	MATRICARIA (Feverfew). HA. 2 ft. Showy, double, white flowers; for bedding or pots	05	40
	white, lilac and pink flowers; fragrant HIBISCUS (Mallow). HP. 2 to 3 ft. Magnificent,	05	15		MATTHIOLA. See Stocks.	V	
212	large, saucer-shaped flowers of exquisite colors.			0.20	MAURANDYA. GP. 10 ft. Graceful climber, with foxglove-like flowers.	kt.	Lge. Pkt.
713 714	Golden Bowl. Cream-color; flowers, 6 to 9 in. moscheutos roseus. Rose-pink	05 05	20 20	828 829	Large-flowering Rose. New	05 05	25 25 25
715	palustris. Pink	05	20	830	Fine Mixed. All colors. MIGNONETTE (Reseda). HA. 1 to 1½ ft.	05	25
720	spires of flowers of splendid colors. Chater's Superb Double. Mixed colors	Pkt.	Oz. \$2 00		Charming old-time favorite of exquisite per- fume.		
721	Allegheny. Semidouble; mixed; fringed HONESTY. See Lunaria.	10	1 00	835	Holmes' Giant Sweet-scented. Golden vel-	Pkt.	Oz. 50
	HORDEUM jubatum. See Grasses.			836	low; very fragrant	05	75
	HORN-OF-PLENTY. See Datura. HONEYSUCKLE. See Climbing Plants. HUMBLE PLANT. See Mimosa.			837 838	Allen's Defiance. Red; extra choice odorata grandiflora. Large and fragrant	05 05	75 15
726	HUMBLE PLANT. See Mimosa. HUMULUS Japonicus variegata (Japanese			839 840	gigantea. Mixed colors	05 05	2 00
	Hop). A. 20 to 30 ft. Rapid climber, with green and white foliage	05	75	841 842	Giant Pyramidal. Bright red	05 05	50 1 50
	HYACINTHUS. See Bulbs. IBERIS. See Candytuft.	•••	75	• • •	MESEMBRYANTHEMUM (Ice Plant). A. 6		
	ICE PLANT. See Mesembryanthemum.			847	inches. For edging and baskets. crystallinum. Foliage icy in appearance	05	Lge. Pkt.
	IMPATIENS (Sultan's Balsam). GS. 2 ft. A charming house plant, with dark green, shining			848	crystallinum. Foliage icy in appearance tricolor (Wax Plant). Foliage feels icy MEXICAN FIRE BUSH. See Kochia.	05	15
731	foliage and bright flowers; always in bloom. Sultani. Rosy scarlet flowers	Pkt. 15	Lge. Pkt.	853	MIMOSA pudica (Sensitive Plant). A. 18 in. Purplish white flowers; leaves droop when		
732	Holstii. Bright scarlet flowersbalsamina. See Balsam.	15	65		MIMULUS. A. Peculiarly marked flowers.	05	15
737	IONOPSIDIUM acaule (Diamond Flower). A. 3	10		858 859	moschatus (Musk Plant). Mixed colors	05	30
	in. Splendid rockery plant, with violet flowers. IPOMOEA (Evening-Glory). A. Climbing Vine.	10			tigrinus (Monkey Flower). Resembles a monkey's face.	05	30
	Rapid grower, with large flowers opening in the evening or on cloudy days.	Pkt.	Oz.	864	MIRABILIS Jalapa (Four-O'Clock; Marvel of Peru). A. Red and yellow flowers all sum-		
742 743	noctiflora (Moonflower). White	10 05	75 25 25		mer, opening four o'clock	05	15
744	Mexicana grandiflora alba. White	05	25		low flowers and ornamental fruit of medicinal value.		
	IRIS (Flowering Flag), 2 ft. Most gorgeous of all			869	Balsamina (Balsam Apple). Yellow pods, scarlet	Pkt.	Oz. 30
750	the "Flags." Blooms second year from seed. Kaempferi (Japanese Iris). All colors	10	75	870	seeds		
751	Finest Mixture. Newest Japanese varieties JACOBEAN LILY. See Amaryllis. JAPANESE HOP. See Humulus. JERUSALEM CHERRY. See Solanum. JERUSALEM CROSS. See Lychnis.	10	1 00		MONKEY FLOWER. See Mimulus.	05	30
	JAPANESE HOP. See Humulus. JERUSALEM CHERRY. See Solanum.				MONK'S HOOD. See Aconitum. MONTBRETIA. See Bulbs.		
					MOURNING BRIDE. See Scabiosa. MORNING-GLORY (Convolvulus). A. Climb-		
754	KENILWORTH IVY. See Linaria.			875	ing. The old and well-known climbing vines. Rochester. Blue, with white eye	05	25
750	KOCHIA tricophylla (Summer Cypress, or Mexican Fire Bush). A. 3 ft. Forms a cy-	Di	T 731	876	True Japanese. Mottled and striped	05	25
	press-like thedge, which turns deep red in autumn	Pkt. 10	Lge. Pkt. • 15	877 878	Fine Mixed. All colorstricolor, or minus. Blue; trailing	05 05	10 20
	KIDZU VINE. See Pueraria. LADY'S EARDROP. See Fuchsia.				MUSK PLANT. See Mimulus. MYOSOTIS (Forget-Me-Not). 6 in.		
	LANTANA. GS. 2 ft. Verbena-like flowers in shades of yellow, and bronzy reds. Con-			883		Pkt.	Lge. Pkt.
741	stantly in bloom.	Pkt.	Oz.	884	Eliza Fonrobert. Large; bright blue	10 10	20 25
761 762	Holmes' Mixed Hybrids. All colors Dwarf Mixed. All colors	05 10	20 20	885 886	grandiflora alba. Large; white flowers grandiflora rosea. Large pink flowers	10	25
763	Tall Mixed. All colors	10	20	887 888	palustris. True "Forget-Me-Not" blue Choice Mixed. All sorts and colors	10 05	40 20
768	LATHYRUS latifolius (Perennial Pea). HP. Climbing Vine. Resemble sweet peas, but last			893	Perennial Varieties: Increase each year. dissitiflora. Deep blue flowers	10	40
772	for years. Mixed colors	10 Pkt.	Lge. Pkt.	894	palustris semperflorens. Everblooming MYRSIPHYLLUM. See Smilax.	10	30
113	and mallow-like red flowers	05	20	-	MR. R. W. EDELBLUTE, Lewisberry, Pa., writes: E	very s	seed I pur
778	LEMON VERBENA. See Citriodora. LINARIA cymbalaria (Kenilworth Ivy). GS.			chase	ed from you this year has proved entirely satisfactor	ry. I	have been
	3 to 6 ft. Trailing plant, with violet flowers. Fine for baskets and window boxes	05	30	other	ng with your house for many years, occasionally go r parties, but I decided to place my orders where I can g	get the	best seed.
,							

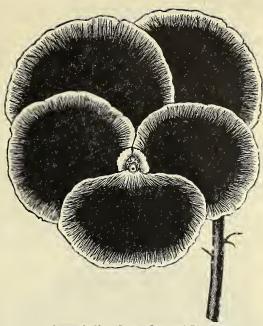


PRICES OF NASTURTIUMS IN QUANTITY, except Lilliput, Lobbianum, Ivy-leaved and Spencer varieties: $\frac{1}{4}$ lb. 25 cts., lb. 75cts.

This old favorite flower has been so wonderfully improved of late that the different varieties present an array of colors almost bewildering in their magnificence. They flower most profusely when the soil is not too rich. The climbing varieties form splendid screens, while the dwarf kinds are admirable for borders or in front of shrubbery.

	Tall or Climbing Varieties:	Pkt.	Oz.	1		Pkt.	Oz.
900	Chameleon (Coquette). Splashed and bordered		io	980	Prince Henry. White, spotted scarlet	05	15
	Chameleon (Coquette). Sprashed and bordered	. 05			Frince Heiny. White, spotted scarlet		
901	Coccineum. Scarlet	05	10	981	Ruby King. Ruby-red	05	10
902	Coccineum fol. aureis. Yellow foliage	0.5	10	982	Rudolph Virchow Scarlet, Brilliant	05	15
903	Dunnett's Orange (Sunlight). Golden	05	10	983	Spotted King. Dark yellow, brown spots	05	15
904	Edemond Otto I illand	0.5		984	Spotted King. Dark yellow, blown spots		
	Edouard Otto. Lilac-brown	. 05	10		Vesuvius. New. Salmon-rose	05	15
905	Fordhook Fashion. Veined old rose	0.5	15	985	Tom Thumb Varieties Mixed. All colors	05	10
906	Hemisphaericum. Straw; rose blotched	05	10	(Queen of Tom Thumbs. Variegated foliage:		
907				995	Duidhe Door Coorles Von bright	05	10
	Jupiter. Golden yellow	05	10		Bright Rosy Scarlet. Very bright Brilliant Crimson. White veins		
908	Pearl (Moonlight). Creamy white	0.5	10	966	Brilliant Crimson. White veins	05	15
909	Vesuvius. Salmon-rose		10	997	Chameleon. Variable colors	05	15
910	Finest Mixed Tall Varieties. All colors			998		05	10
910		. 05	10		Crystal Queen. Orange, blotched		
	Lobb's Climbing Varieties. Lobbianum.			999	Deep Orange-Scarlet. New. Brilliant	05	10
920	Asa Gray. Cream-yellow	0.5	15	1000	Golden Yellow. Handsome	05	10
921	Black Princess. New. Dark maroon		20	1001	Sulphur-Yellow. Very refined	05	10
	Diack Finicess. New. Dark maroon,	05					
922	Brilliant. Bright scarlet	05	15	1002	Queen of Tom Thumbs Mixed	05	10
923	Crown Prince of Prussia. Dark blood-red	05	15	1	Fom Thumb Spencer Varieties:		
924	Firefly. Orange-yellow		15	1012	David Burpee. Velvety purple-scarlet	05	25
	Pricty, Olange-yellow	0.5					25
925	Primrose Cream-White. Maroon spotted		15	1013	Lady Bird. Orange; dark foliage	05	25
926	Princess Victoria Louise (Margaret). Cream-			1014	Riemke Groot. Bright scarlet	05	25
	white, spotted and veined scarlet	05	15	1015	Spencer Mixed. All colors	0.5	15
005	white, spotted and venied scarlet	03				0.5	13
927	Queen Alexandra. Blood-red; variegated	10	25	1025 F	NEMOPHILA insignis (Love Grove). A. 1 ft.		
928	Queen Dowager Emma. Crimson; varie-				Border plants bearing a profusion of cup-	Pkt.	Lge. Pkt.
	gated	10	25		shaped flowers, all colors	05	15
020	Organ of the Manning No.	10	25	1020 1	ATTOOTTANIA - Contraction Tobassa TD	00	
929	Queen of the Morning. New. Scarlet	10	25	1030 F	NICOTIANA affinis (Flowering Tobacco). TP.		
930	Queen of the North. Yellow; variegated	10	25		3 ft. Showy plants, with broad foliage and		
931	Queen of Spain. Golden yellow; variegated.	10	25		fragrant white flowers	05	15
932			25	1025 N	NIEREMBERGIA frutescens (Cup Flower).		
934	Queen Wilhelmina. Scarlet; variegated	10		1035 1			
933	Rudolph Virchow. Soft, rosy pink	05	15		TP. I ft. Bedding plant, with white flowers		
934	Spitfire. Fiery scarlet	05	10		tinted lilac	05	20
935	Finest Mixed Lobbianum Varieties. Al	1 05	10	1040 N	NIGELLA Damascena (Love-in-a-Mist). A.		
933				1040 1			
	colors	05	10		I ft. Quaint blue flowers surrounded by		
	Lobbianum Lilliput Hybrids:				finely cut foliage, forming a misty effect	05	15
940	Fairy King. White and dark rose	0.5	20	1045 (DENOTHERA (Evening Primrose). A. 2 to 3 ft.		
				1045 (
941	Fairy Queen. Yellow, turning to brown		20		Shrubby plants, bearing a great profusion of		
942	Lady Cherry. Dark wine-red	10	25		brightly colored flowers opening as the sun		
943	Othello. New. Deep red	05	20		goes down. Mixed colors	05	15
	Othero. New. Deep red	10			goes down. Mixed colors	00	
944	Queen of Holland. Light yellow to purple	10	20	i	· ·		
945	Rubin. Ruby-red	0.5	20				
946	Snow Queen. New. Cream-white	10	25		DANGIEG		
	Diow Outen. 11cw. Cleans-winte	10		ľ	PANSIES		
947	Finest Mixed of above. All colors	05	15		TATIOIDO		
	Lobbianum lvy-leaved Sorts:						
960	Emma Alida. Yellow and orange; laciniated.	10	25		See Page 47		
961	Managed Daile Valente wines, racinated.	10			occ 1 age		
	Mourning Bride. Velvety crimson	10	25				
962	Prinzessin Juliana. Gold-orange; deeply cut	. 10	25	1164 F	PASSIFLORA caerulea (Passion Vine). TP.		
963	Finest Mixed lvy-leaved. All kinds and				8 to 10 ft. Interesting vine, with blue, wax-	Pkt.	Lge. Pkt.
, 00			20			05	25
	colors	10	20		like flowers	03	23
	Tom Thumb, or Dwarf Varieties:			F	PETUNIAS. These are among the most easily		
970	Aurora. Terra cotta	0.5	10		grown of all garden annuals and furnish a		
			îŏ				
971	Bronze. Splendid form			4480	magnificent succession of brilliant flowers.		
972	Chameleon. Cream-white, spotted scarlet		15	1170	New Fimbriata, Canary Bird. Beautifully		
973	Golden Blotched. With scarlet blotch		10		fringed flowers of distinct yellow, deeper in	Pkt.	1 Oz.
974	Golden Midnight. Dark purple		iŏ	,	throat	15	\$1 75
	Callan One Callan Dark purple			1177	Halanari DaGamas Francis Inness all anima	10	1 25
975	Golden Queen. Golden yellow	05	10	1171	Holmes' Defiance. Extra large; all colors		
976	Golden Rose. Pink	0.5	10	1172	New Star. Perfect star in center; all colors	10	1 00
977	King of Tom Thumbs. Bright scarlet		10	1173	Holmes' Fancy Fringed. All colors	10	1 00
						25	_ 30
978	Lady Bird. Orange, spotted scarlet		15	1174	Double Giant. Large, 250 seeds, \$1.75		
979	Pearl (Moonlight). Cream-yellow	05	15	1175	Hybrids, Finest Mixed, oz., \$1	05	
					-		





Cassier's Very Large-flowered Blotched

PANSIES

For a number of years we have been selling our Superb Mixtures of Different Varieties of Pansies, and, without a single exception, we have had the most flattering reports on the many beautiful varieties and colors never before seen by our customers in other mixtures, obtained elsewhere. We give a complete list of the different varieties in the mixtures that we are handling, and which include all the varieties obtainable from the best growers in Germany and other countries.

1046	Holmes' Non Plus Ultra. The richest mixture			1068 Raphael (Benary). New; blue veins and dark	
	ever sent out, and containing the Blotched			violet spots on white ground; beautiful Pkt	. Oz.
		Pkt.	Oz.	varieties	\$10 00
	tion; very effective	25	\$10 00	1070 Auricula-flowered, Prince Bismarck. Light	
1047	Large-flowered Parisian. Mostly light colors;		2 00	blue, striped rosy lilac	
	very gay and pretty	10	2 00	1071 King of Blacks. Violet-blue	
1048	Giant French Large-stained. Beautiful and	10	2 25	1072 Giant Cassier, Hortensia Red. New 10 1073 Giant Marmorata. Marbled on purple, red	3 00
1049	very effective	10	2 23	1073 Giant Marmorata. Marbled on purple, red and crimson ground	2 50
1049	growing weatherproof class of Pansies, mostly			1074 Odier Five-spotted Yellow. Magnificent 10	
•	blotched, and some frilled flowers; very			1075 Odier Five-spotted White. Extra fine 10	
	valuable	15	8 00	1076 Psyche. Velvety violet on white: curled 10	
1050	Holmes' Triumph of the Giants. Robust,		0 00	1077 Giant Vulcan. Dark red; five black blotches. 15	
1000	compact-growing plants; flowers enormous in			Giant Trimardeau, separate colors:	. 00
	size, of rich and rare colors	15	8 00	1087 Adonis. Light blue 10	2 00
1051	Holmes' Mammoth Five-blotched. Mag-			1088 Atropurpurea, Dark purple 10	
	nificent extra-large flowers, superbly marked	10	5 00	1089 Fire King. Brilliant yellow and purple 10	
1052	Holmes' Giant Masterpiece. Enormous			1090 Canary Bird. Golden yellow	
	flowers, 4 inches across, with ruffled edges and		= 00	1091 Indigo-Blue. Very rich color 10	
4050	distinct colors and markings	10	7 00	1092 Emperor William. Ultramarine-blue 10	
1053	Bugnot's Giant Spotted. Color radiates on	10	5 50	1093 Lord Beaconsfield. Purple and lavender 10 1094 Peacock. Blue, edged white 10	
1054	margin of petals; beautifully spotted Mme. Perret. Great American Giant, "Red,	10	3 30	1095 White with Eye. Black center; showy 10	
1054	White and Blue"	10	3 00	1105 Crimson King. Very brilliant	
1055	Odier Five-spotted Beauties. Of perfect	10	5 00	1105 Crimson King. Very brilliant 10 1106 Mauve Queen. Dainty mauve 10	
1033	form and wondrous beauty	10	3 00	1107 Snowflake. Dazzling white	
1056	Goliath Cattleya Orchid-flowered. Ex-			PHLOX Drummondii, 6 in. to 1 ft. Among	
1000	quisite	10	3 50	the best of all garden plants, producing masses	
1057	Giant Trimardeau. Enormous in size and			of flowers of dazzling colors constantly all	
	great variety of colors	. 10	2 00	summer.	
1058	Trimardeau Giant Spotted Parisian. Extra		2.50	Annual Varieties:	
	large; gorgeous colors	10	2 50	1185 Holmes' Large-flowering. Mixed colors 10	75
1059	Cassier and Trimardeau Mixture. Superb	10	2 25	1186 Starred and Fringed. Charming in shape;	75
4040	mixture of large flowers	10	2 25	all colors	
1060	Very Fine Mixture, composed of all the sepa-	10	1 25	1188 alba. White flowers	
1061	rate varieties. Remarkably showy Holmes' Large-flowering, Mixed (Butterfly	10	1 23	1189 Apricot. Beautiful shades. 05	
1001	Mixture)	10	2 00	1190 Shell-pink. Very dainty	
1062	English Pansies, Mixed (the old "Faced	-0		1191 Dwarf Compact. All colors	
1002	Pansy"). Plants of compact habit	10	2 00	1192 Splendid Mixed. All colors and kinds 05	
1063	French Faced, Mixed	10	2 00	Perennial Variety:	
1064	Cassier's Very Large-flowered Blotched.			1200 decussata. 2 ft. All colors; flowers in splendid	
	The largest flowered class of Blotched Pansies.			panicles	1 50
	Our famous, very showy and especially rich	10	2.50	1210 PHYSOSTEGIA denticulata (False Dragon	I am Diat
	strain; quality unsurpassed	10	3 50	head). P. 3 to 4 ft. Spikes of tubular Pkt flowers of all colors	
1065	Bugnot's Superb Blotched. A very beautiful			PINKS. See Dianthus and Carnations.	20
	class. Large flowers, with broad blotches,			PLATYCODON (Chinese Bellflower). HP. 2 ft.	
	many having the two upper petals finely lined; great variety of handsome and rare			Splendid hardy garden plants bearing beautiful	
	colors	10	3 50	blue and white bell-shaped flowers in profusion.	
1066	Bugnot's Exhibition. Saved from best			1215 grandiflorum. Blue; large flowers 05	15
1000	selected plants. An incomparable strain,			1216 grandiflorum album. White flowers 05	15
	producing many beautiful and rare varieties	15	8 00	1217 Japonicus fl. pl. (Double Japanese Bellflower).	
1067	Bugnot's Dark Brown Shades	15	8 00	Deep blue	40

11011	mes been company, marrisburg, 1	a.	
	POCKET FLOWER. See Calceolaria. POPPIES (Papaver). Brilliant and showy garden		
	nowers, growing freely from seed. Sow where		
	intended to bloom, as they will not stand transplanting.		
1225	Annual Varieties, Single:	Pkt.	Oz.
1225 1226	Danebrod Scarlet: silvery white snot	0.5	30 25
1227 1228	Dwarf Shirley. Beautifully variegated Maid of the Mist. White: fringed	05 05 05	25 30
1229	Japanese Dwarf. Mixed colors	05	30
1230	Dwarf Shirley. Beautifully variegated Maid of the Mist. White; fringed Japanese Dwarf. Mixed colors. Tulip-flowered. Mixed colors; tulip-shaped. Annual Varietles, Double:	05	50
1240 1241	Cardinal. Hybrids; scarlet; enormous size. Golden Gate. All colors; magnificent	05 05	20 20
1242	Improved Carnation-flowered. Fringed		
1243	flowers; all colors	05 05	20 25
1250	Perennial Varieties:	05	75
1250 1251	Oriental Giant. Enormous; brilliant bracteatum. Brilliant scarlet, black spot	05	\$1 00
1252 1253	nudicaule (Iceland Poppy). Brilliant	20 10	75 1 00
1200	Mixed Hybrids. Gorgeous large flowers POPPY MALLOW. See Callirhoe.		
	POPPY MALLOW. See Callirhoe. PORTULACA. A. Trailing. Forms a brilliant display of many-colored flowers, surmounting		
	peculiar heavy foliage. Sow where they are	Pkt.	Lge. Pkt.
1263	peculiar heavy foliage. Sow where they are to bloom when ground is warm. Finest Single Mixed. All colors	05	15
1264	PRIMULA (Primrose). 6 in. to 2 ft. Most beauti-	05	50
	ful greenhouse and garden plants, with dainty		
	the finest specimens and is unexceptionally pure. Fringed Chinese Varieties:		
1270	Fringed Chinese Varieties: Holmes' Prize Mixture. Contains only		
	Holmes' Prize Mixture. Contains only the very finest varieties. Seed selected	25	75
1271	from prize-winning plantsalba magnifica. White, with yellow eye	25 35	75 75 75 75 75 75
1272 1273	Brilliant Red. Magnificent color	35 35 35 35 35	75 75
1274	Kermesina spiendens. Crimson	35	75
1275	Rosy Morn. Tender pink Obconica gigantea Varieties:	35	75
1280	lilacina. Pale lilac	20 20	65 65
1281 1282	Kermesina. Bright Crimson	20	65 65
1283 1284	alba. Pure white	20 20	65 65
	Obconica grandiflora Varieties:		65
1290 1291	Obconica grandiflora Varieties: compacta. Dwarf; rosy lilac fimbriata. Fringed; all colors	25 10	65
1292	Vesuvius. Dark crimson	25	65
1297	Miscellaneous Varieties: Buttercup. New. Yellow; for pots	25	65
1298 1299	Forbesi (Baby Primrose). Rosy lilac malacoides. New. Lilac; in clusters	25 25	65 65
1304	Hardy Varieties: cortusoides Sieboldii. Mixed colors; for		
	garden or pots	15	65
1305		10	20
1306	vulgaris (English Primrose). Canary yellow. The common hardy Primrose of gardens	10	40
1310	PUERARIA Thunbergiana (Kudzu Vine). HP.	10	10
	Climber. The fastest growing vine known. Immense heart-shaped leaves and purple pea-		
	shaped flowers PURPLE FOUNTAIN GRASS. See Grasses.	05	30
1315	PYRETHRUM roseum. HP. 2 ft. Rose-colored,		
	daisy-like flowersOUAKING GRASS. See Grasses.	10	25
	RED-HOT POKER. See Tritoma.		
	RESEDA. See Mignonette. RICHARDIA (Calla). See Bulbs.		
	RICINUS (Castor-Oil Plant). A. 6 to 12 ft.		
4000	Magnificent foliage plants with enormous leaves and clusters of beans.	Pkt.	Oz.
1320	Holmes' Giant. Enormous brown leaves.	10	50
1321	Zanzibariensis. Very large leaves, varying from light green to purplish red. 10 ft	05	15
1322	Borboniensis. 15 ft. Tall; green leaves	05	15 15
1323	Mixed. All kinds and colors	05	13
1229	ROSE CAMPION. See Agrostemma. ROSEMARINUS officinalis (Rosemary). HP.		
1020	2 ft. Shrub-like plant, with fragrant foliage	Pkt.	Lge. Pkt.
	and blue flowers. Yields aromatic oil RUDBECKIA (Coneflower). HP. 2 to 3 ft.	05	23
	Strong-growing plants, bearing great numbers of ray flowers on long stems.		
1333	lociniata (Colden Clow) Bright vellow	05	20
1334 1335	purpurea. Reddish purple, brown discsuperba. Yellow with brown discSALPIGLOSSIS (Velvet Flower). HHA. 18 in.	05 05	20 15
	SALPIGLOSSIS (Velvet Flower). HHA. 18 in. Beautiful orchid-like flowers, exquisitely		
	marked and veined.		
1340	Emperor. New. Wondrous gold-veined flowers in clusters	05	40
1341	in clusters superbissima variabilis. New. Many colors,	05	30
1342	Mixed Hybrids. All colors and markings	05	25
	SALVIA (Flowering Sage). HHA. Most showy of all garden flowers, bearing great masses of		
42	brilliantly colored blossoms in spikes.	10	30
1347 1348	Bonfire (Clara Bedman). Scarlet	10 15	40
1349 1350	splendens (Scarlet Sage). Brilliant. Zurich. Crimson-scarlet; dwarf.	05 15	30 40
2000	SAND VERBENA. See Abronia.		

	SATIN FLOWER. See Godetia.		
	SCABIOSA (Mourning Bride). HHA. 2 ft.		
	Easily grown garden plants.	Pkt.	Lge. Pkt.
1355		05	15
1356		05	15
	SCARLET SAGE. See Salvia.		
1360	SCHIZANTHUS Wisetoniensis (Butterfly Flow-		
	er). HHA: 18 in. Orchid-like flowers of		
	all colors	05	65
	SENSITIVE PLANT. See Mimosa.		
1365	SMILAX (Myrsiphyllum asparagoides). GP.	D1 /	0
	Climbing. Delicate greenhouse climber, with		Oz.
	heart-shaped leaves	10	65
1270	SOLANUM capsicastrum (Jerusalem Cherry).		
1370	GP. I ft. Handsome pot-plant for the		
	house, with yellow flowers followed by scarlet		
	cherry-like seed-pods	0.5	40
1375	SOLIDAGO Canadensis (Goldenrod). H.P. 3 ft.	00	20
	The well-known wild flower of autumn, with		
	golden plumes	05	50
	SPEEDWELL. See Veronica.		
	SPIDER PLANT. See Cleome.		
	SQUIRREL-TAIL GRASS. See Grasses.		
1380	STOKESIA Cyanea (Stokes' Aster). HP. 1½ to		
	2 ft. Splendid aster-like flowers of pale blue.		
	Always in bloom	10	\$2 50
	STRAW FLOWER. See Helichrysum.		
	STOCKS, Ten weeks (Matthiola; Cut-and-Come-		
	Again). HHA. I to 11/2 ft. Old favorites of		
	the garden, with splendid spikes of fragrant flowers of all colors.		
1385		19	40
1386		13	40
1300	Pyramidal. Mixed	10	50
1387	Emperor. Extra large; mixed colors	10	60
	SUMMER HYACINTH. See Bulbs.		- 00
	SUNFLOWER. See Helianthus.		
	SWAN RIVER DAISY. See Brachycome.		
	SWEET ALYSSUM. See Alyssum.		
	ATMITT DESCRIPTION OF		-

1390 NEW RED SUNFLOWER

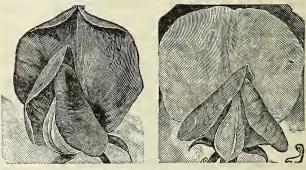
The plants grow strong and sturdy to a height of 7 to 9 feet—according to the richness of the soil and the sunny warmth of location—producing several large flowers of refined form, the rays wide and long, the disc or center, small. The coloring varies from golden-yellow, splashed with red, to nearly all red, but the great majority will be Gaillardia colored, that is a wide or narrow zone of red surrounds the purplish-black center, the ends or tips of the petals being of a rich golden-yellow color; this combination is very rich and effective. Of course a small proportion of the plants may produce all yellow flowers, but even these will be showy and desirable.

plants may produce an years.

The seed may be sown in the open ground when warm enough—or it may be started in the house or hotbed. The plants commence flowering in about eight weeks from seed sowing, and should stand not nearer than three feet apart for best development.

Price, per Packet, 15c.

Price, per Packet, 15c.



SWEET PEAS

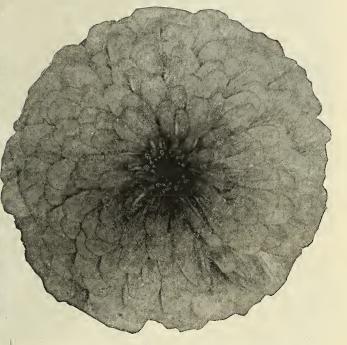
All our strains of Sweet Peas are grown especially for us by one of the best experts in the country, and we can recommend them as being absolutely fresh and true to name. The new types listed below will be a revelation to the lover of Sweet Peas, as they are of size, color and form never dreamed of before by the enthusiast.

BEST SPENCER VARIETIES

CREAM-YELLOW SHADES	Pkt.	Oz.	1/4 lb.	Lb.
1400 Primrose Spencer	05	40	\$1 25	\$4 00
DEEP ROSE, or PINK SHADES				
1406 Beatrice Spencer	05	25	75	2 50
1407 George Herbert	05	25	75	2 00
1408 Helen Lewis	05	35	1 00	3 50
LIGHT PINK SHADES				
1415 Blanche Ferry Spencer	05	40	1 25	4 00
1416 Countess Spencer	05	25	75	2 50
1417 Mrs. Routzahn Spencer	05	40	1 25	4 00
MAROON SHADES				
1420 Othello Spencer	05	35	1 00	3 00
WHITE SHADES				
1425 White Spencer. Pure white	05	40	1 25	4 00
1430 Holmes' Superb Spencers, Mixed.				
All colors	05	35	1 00	3 00

SEEDS OF KNOWN VITALITY AND	PURI	ΤŸ			
SWEET PEAS—continued					
UNWIN WAVED V	ARIE	TIES	5	SEJ	
LAVENDER SHADES	Pkt.	Oz.	1/4 lb. \$1 00	Lt	
1435 Frank Dolby	. 05	35	\$1 00	\$3	00
1440 Gladys Unwin	. 05	20	50	1	50
ROSE-PINK SHADES	۰				0.0
1445 Phyllis Unwin	. 05	25	75	2	00
1450 Nora Unwin. Pure white	05	25	75	2	00
All colors	. 05	20	50	1	50
LARGE-FLOWERING GRA	NDIF	LOR	A TY	PE	S
This list contains the best of the standar panded or hooded petals.	rd Sweet	Peas,	with lar	ge, e	ex-
DARK BLUE SHADES	Pkt.	Oz.	1/4 lb.	Lt	١.
1460 Navy Blue		15	40	\$1	
DEEP PINK SHADES	. 05	15	40	1	00
1466 Janet Scott		25	75	2	
LAVENDER AND BLUE SHADES 1470 Countess of Cadogan		15	35		75
1471 Helen Pierce	. 05	20 15	50 35	1	50 75
LIGHT PINK SHADES					
1480 Agnes Eckford 1481 Blanche Ferry 1482 Blanche Ferry, Extra Early	. 05	20 15	50 40	1	50 00
1483 Katherine Tracy	. 05	15 15	40 40	1	00 00 00
1484 Lovely. 1485 Prince of Wales	. 05 . 05	15 15	40 40		00
MAROON SHADES 1490 Black Knight	. 05	15	40	1	00
1491 Othello		15	40		00
ORANGE SHADES 1500 Henry Eckford	. 05	15	40	1	00
1501 Miss Willmott		15	35		75
PRIMROSE SHADES 1505 Hon. Mrs. E. Kenyon	. 05	15	35		75
RED SHADES	0=				
1510 America	. 05	15 15	40 35		75
1512 King Edward VII	05	15 15	40 40		00 00
VIOLET AND PURPLE SHADES 1520 Duke of Westminster	. 05	15	40	1	00
WHITE SHADES				•	00
1525 Blanche Burpee. Pure white		15 15	40 40		00
1526 Dainty 1527 Dorothy Eckford. Pure white 1528 Lottie Eckford.	. 05	15 15	40 40		00
1529 Phenomenal	05	15	40		00
colors	. 05	15	40	1	00
FOR CHRISTMAS				T L	
1540 Burpee's Early White		Oz. 25 25	1/4 lb. 75 75	\$2 (2 (00
1542 Christmas Pink	05	25 25	75 75	2 (ሰሰ
1545 Mrs C H Totty. Pale manye	05	25 25	75 75 75 75 75	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00
1546 Mrs. E. Wild. Bright rose 1547 Mrs. G. Lewis. Pure white 1548 Mrs. Wm. Sim. Salmon-pink	05 05	25 25	75 75	2 (00 00
1555 Holmes' Christmas, Mixed, All		25	75	2 (00
colors SWEET ROCKET. See Hesperis. SWEET SULTAN. See Centaurea. SWEET WILLIAM. See Dianthus. TAGETES. See Marigold.	05	15	50	1 :	50
SWEET SULTAN. See Centaurea. SWEET WILLIAM. See Dianthus.					
TAGETES. See Marigold. TASSEL FLOWER. See Cacalia. TOUCH-ME-NOT. See Impatiens.					
1560 THUNBERGIA (Black-eyed Susan). Bears a profusion of flat white,	A. Climi	oer.	Īα	e. Pk	-+
orange flowers, with bold black ce 1563 TRITOMA (Flame Flower; Red-Hot I	nters	rp.	5 Lg	C. I K	20
2 ft. Long, compact spikes of or	ange-sca	rlet.	0	3	30
flowers. Brilliant and showy UMBRELLA PLANT. See Cyperus. VELVET FLOWER. See Salpiglossis	s.				
VERBENA. HA. 1½ to 2 ft. The old favorites of the garden, with fla	well-kno t cluster:	wn s of			
fragrant flowers of all colors. Alwa 1565 Extra Choice Mixed. Specially sele	ys in blo	om. Pki	5	Oz \$1 !	50
1567 Scarlet Defiance. Brilliant color		0	0	1 5	50 00
1568 Pure White. Very choice 1569 Blue with White Eye. Extra fine. 1570 Blood-Red, White Center		0	5 5	2 (00
1570 Blood-Red, White Center 1571 Auricula-flowered. Mixed colors.		1	5	2 (00

1581	VERONICA spicata (Speedwell). HP. 18 in.		Lge. Pkt.
	Fine border plant; long spikes of blue flowers.		30
	VINCA (Madagascar Periwinkle). HP. 1 ft.		
	Dwarf bedding plants, with glossy green foliage		
	and dainty flowers.		
1586	alba. White with rose eye	10	20
1587	alba pura. Pure white	10	20
1588	rosea. Rose with dark eye	10	. 20
1589		10	20
	VIOLET, Sweet-scented (Viola odorata). TP.		
	6 in. The favorite fragrant flowers, blooming		
	all season. Seed germinates slowly.	Pkt.	Lge. Pkt.
1595		10	40
1596	Single White Czar. Large; white	10	40
1597	Single Mixed. Both colors	10	40
	VIRGIN'S BOWER. See Clematis.		
	WALLFLOWER (Cheiranthus). TP. 18 in.		
	Handsome garden plant, bearing spikes of		
	fragrant flowers.		
1605	Fine German, Double. All colors; selected		
	seed.	20	40
1606	Single Mixed. All colors; brilliant	05	15
	WAX FLOWER. See Mesembryanthemum.		
	WILD CUCUMBER. See Echinocystis.		
	WIND FLOWER. See Anemone.		
	WISTARIA. See Climbing Plants.		
1616	XERANTHEMUM (Everlasting Flower). A. 2 ft.		
2020	Interesting plants bearing peculiar straw-like		
	flowers; fine for winter decorations. Double		
	mixed	0.5	15
	YARROW. See Achillea.	30	
	Table of the Dec Heimedi		



Holmes' Improved Giant Large-flowering Double Zinnias

ZINNIA (Youth and Old Age). A. Favorite garden flowers; among the easiest to grow and bloom.

For many years we have been working on a strain of Giant Zinnias, as many of these beautiful flowers would run back to the small type. The strains from abroad seem to give the poorest flowers. This year our seed was grown in Colorado, and to our surprise we had flowers ranging in size from $4\frac{1}{2}$ to $5\frac{1}{2}$ inches across. The illustration above shows a flower which measures $5\frac{1}{2}$ inches across and had to be reduced to go in our catalog.

1626	Mammoth (Robusta Plenissima). Flowers of		
	mammoth size, perfectly formed, very double	Pkt.	Oz.
	and of striking colors; a fine strain; 21/2		
	feet	10	\$1 00
1627	Flesh-pink. Delicate shade 1/4 oz., 35 cts.	10	1 25
1628	Crimson. Very rich	10	1 25
1629	Canary. Clear yellow	10	1 25
1630	Jacqueminot. Rich crimson-		
	scarlet	10	1 25
1631	Purple	10	1 25
1632	Scarlet. Bright and fiery 1/4 oz., 35 cts.	10	1 25
1633	White. Pure white	10	1 25
	Dwarf Varieties; 18 in.:		
1634	Snowball. Pure white	05	75
1635	Fireball. Brilliant red	05	75
1636	Pompon. Smaller flowers, all colors	05	75
1637	Mixed. All kinds and colors	05	60

Choice Coniferous Evergreens

The Coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a short but select list of the hardiest and easiest grown varieties:

Norway Spruce

PICEA EXCELSA. (L.) This familiar Spruce is more generally used than any of the others. It is a rapid grower, does well in most soils, and withstands the bleak, cold winds of winter. If left untrimmed they spread out magnificently and make desirable specimens. They make splendid windbreaks and shetter belts. If planted as hedges and sheared they become impenetrable, and as good for this purpose as any evergreen. One of the most inexpensive evergreens. See illustration See illustration inexpensive evergreens. page 53.

Ver	y	sym	m	et:	ri	ca	1,		W	re	11	-1	or	an	ched	trees	
		-												E	ich	Per	10
1 1/2 to	2	feet													75	\$ 5	
2 to	3	feet											. 5	\$1	00	7	
3 to	4	feet												1	50	12	
4 to	5	feet												2	50	20	
5 to	6	feet												4	00	30	
6 to	7	feet		, ,				,						5	00	42	50

White Spruce

PICEA ALBA. (L.) Habit similar to the Norway Spruce; distinguished by its attractive grayish blue color. A hardy species of quick growth, especially suited for coast and New England plantings.

Very heavy well-formed trees. Per 10

2	το	3	reet				,		٠	٠	٠			,		,	\$1	00	5 7	50
3	to	4	feet		, ,	,									į.		2	00	17	50
4	to	5	feet			. ,						,	į.				-3	00	22	50
5	to	6	feet					,		,							5	00	40	00
6	to	8	feet														7	50	65	00

Black Hill Spruce

Picea Canadensis - Valuable Everywhere See Illustration Page 51

No matter where you are located—north, east or west—you will find in Black Hill Spruce a tree of rare value. For windbreaks it is at the top of the list, hardy, perfect in shape—compact and windproof. To appreciate its value one must see it as it grows in its natural range.

												ach	Per	10
2	to	3	feet							,	\$2	00	\$18	00
3	to	4	feet	, .							4	00	37	50
4	to	5	feet								5	00	45	00

COLORADO SPRUCE. PICEA PUNGENS.
(L.) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil, and makes an ornamental tree of great beauty, especially when planted individually or in groups. See Illustration page 51.

Each Per 10 S10 200

1 ½ to 1 ½ feet	\$10 15	00
Prices of larger trees on application.		

Koster's Blue Spruce

VAR. KOSTERIANA. (L.) The attractive blue evergreen which is so conspicuous in lawn plantings. A striking light blue in color that makes this one of the finest evergreens in cultivation. For individual planting and for color effect, nothing equals it.

															Εa	ach	Per	
2	to	2 1/2	feet.	 	 	٠,		٠.	 		٠.	 	 	 \$	2	75	\$25	
2 1/2	to	3	ieet.	 	 			٠.	 			 	 	 	4	00	37	50
3	to	4	feet.	 	 							 	 	 	5	00	47	50
					 	_	_			_								

White Pine

PINUS STROBUS. (L.) A grand old favorite that grows quickly and makes a most useful and beautiful ornamental tree. For specimen, group or mass planting it is extensively used, as well as for shade and shelter belts. The needles are soft and bluish green.

	Each	Per 10
2 to 2 teet	61 35	\$10 00
2 to 3 feet		210 00
2 to 1 feet	2 00	7
3 to 4 feet	2.00	17 50
0		17 50
A to g teet	2 00	25 00
4 to 5 feet	3 UU	40 UU
# to 6 foot		
5 to 6 feet	5 00	42 50
9		
6 to 8 teet	7 50	70 00
6 to 8 feet	/ 50	70 00

AUSTRIAN PINE. VAR. AUSTRIACA. (L.) A tall, massive tree, with spreading branches, heavily plumed with long, stiff, dark-green needles. A useful species along the coast, and grows equally well inland. Popular for groupings or as specimens.

	•	Each	Per ro	,
2 to 3 feet	 	 .\$2 50	\$22 50	
3 to 4 feet	 	 . 4 00	37 50)
4 to 5 feet	 	 6 00	0. 0.	



Specimen Plants arranged on Lawn

Scotch Pine

PINUS SYLVESTRIS. (M.) A strong grower, with spreading branches and short, stiff, bluish green needles. Its rapid growth makes it suited for temporary effects, though it is by no means to be despised for permanent plantings. Splendid for mass plantings, screens, shelter belts and seashore use.

Per 10

75

86

100

Per 10 \$ 6 00 10 00 17 50 25 00

- 24 Early Celery
- 12 Early Cauliflower
- 24 Head Lettuce 12 Early Tomatoes
- 12 Main Crop Tomatoes

144 for \$1.00

24 Early Beet
24 Early Cabbage
12 Midsummer Cabbage
13 Midsummer Cabbage
14 For \$1.00, DELIVERED AT YOUR DOOR

This collection will be ready to be shipped from May 10 to June 15, 1916

If you desire the above splendid offer, please enclose \$1.00 and mark line below with an X

SPECIAL PLANT OFFER FOR \$ 1.00

Bhotan or Himalayan Pine

PINUS EXCELSA. (L.) The general appearance of this tree is almost identical with that of the better known White Pine. The needles are 5 to 7 $\,$ inches long and are of a bluish green color. They droop gracefully from the long-swaying branches, making this one of the most attractive large-growing pines. Inasmuch as this variety is unaffected by the pine diseases now so prevalent on the older forms, we recommend its more general use. It develops into a handsome tree of somewhat open growth. On this account its beauty is best displayed on a large lawn.

	Each	rer i	10
3 to 4 feet	\$2 50	\$22 5	50
4 to 5 feet		30 0	00
5 to 6 feet	5 00	45 0	00
6 to 7 feet	6 00	55 0	00

BULL. PINE. PINUS PONDEROSA. (L.) Indigenous in our Western States, where it grows to a great height. Useful in ornamental planting, particularly for grouping. The long, twisted needles are dark green and grow in pairs.

Each	Per 10
3 to 4 feet\$2 50	\$20 00
4 to 5 feet 4 00	35 00
5 to 6 feet 5 00	45 00

MUGHO PINE. VAR. MUGHUS. (VD.) Forms a low, dome-shaped plant. Suitable for lawn specimens or evergreen groups, terraces and rockeries. See illustration, page 52.

			Ea	.ch	Per	10
I	to 1 ½	feet	\$1	35	\$12	00
11/2	to 2	feet	2	25	20	00
2	to 3	feet	3	50	30	00
3	to 4	feet	6	50	50	00

Abies Douglassi. Douglas Fir

A HANDSOME, VALUABLE WINDBREAK TREE

A Rocky Mountain Variety. Fast, Strong, Sturdy Grower. Grows to Perfection North, East, South, West. See Page 53

	Each	Per 10
2 to 3 feet	\$1 85	\$15 00
3 to 4 feet	2 50	22 50
4 to 5 feet	3 75	30 00



Picea Pungen (Colo. Blue Spruce)



Picea Canadensis (Black Hill Spruce)

WHITE FIR. ABIES CONCOLOR. (L.) One of the most satisfactory evergreens for planting in New England and other sections where the severe winters are too cold for many varieties. Being of a glaucous green color makes it very attractive. A valuable tree that generally develops into a beautiful specimen. See page 52. Fine, well-formed stock.

•	Eacn	Per 10
2 to 2½ feet	\$3 50	\$30 00
2½ to 3 leet	4 00	37 50
3 to 3½ feet	5 00	45 00
3½ to 4 feet	6 00	
4 to 5 feet	7 50	

BALSAM FIR. ABIES BALSAMEA. (M.) An ornamental native of our forests that is very hardy and does best in the Northern States. Has dark needles of pleasant fragrance; grows rapidly when young, and does well in

				1 10
11/2 t	o 2 feet	\$1	00 \$	7 50
	o 3 feet			0 00
	o 4 fcet			7 50

DOUBLE BALSAM FIR. ABIES FRAZERI. (M.) A native of the Southern Allephenies, which for ornamental planting is more valuable than the regular Balsam. Not so well suited for planting on a small lawn, but splendid for natural landscapes. Dark green in color and of a symmetrical outline.

Each Per		
2 to 3 feet\$1 50 \$12	2 5	50
3 to 4 feet	/ 5	50
4 to 5 feet	5 0	00
5 to 6 feet	5 0	10
6 to 7 feet	5 0	10
	Ó	

American Arborvitae, or White Cedar

THE NATIONAL HEDGE OF AMERICA

THUYA OCCIDENTALIS. (M.) A splendid native that grows well anywhere and thrives over a wide range of climate. The habit is erect and pyramidal, the foliage soft and light green in color. This Arborvitae should be included in groups and all evergreen plantings. They are unequaled as tall hedges to form screens from unsightly objects or for shelter beds, or as a blind about clothes-yards, etc. They grow quickly, and if planted closely in hedges give the desired effects promptly. They may be kept at any height and made more dense and bushy by trimming, which they endure readily.

2 to 3 feet		00	\$50 00
3 to 4 feet\$1	50 12	50	100 00
Splendid bushy stock			
4 to 5 feet			175 00
5 to 6 feet 3			225 00
6 to 7 feet 4	00 35	00	325 00



Pinus Mugho (Dwarf Mt. Pine)

Japanese Maples

Charming and distinctive effects are possible with these choice little trees that have such a variation of foliage. The autumn tints are striking. Being of small size, the plants may be used where space is limited and in front of high shrubbery.

ACER_LAPONICUM_(D) A tree of open spreading habit with large dark green leaves.

Active Shi Orticolii. (D.) A tree of open, spreading habit, with large, dark green	
	Each
2½ to 3 feet	.\$2 50
2½ to 3 feet. 3 to 4 feet.	. 4 00
GREEN JAPANESE MAPLE. ACER POLYMORPHUM. (D.) This is the parent of	
following varieties. It is the tallest and most hardy variety. It has bright green fol	iage in
spring and summer, and in fall the leaves are often of different shades, some scarlet, some	vellow
	Per 10
and some of both shades combined.	
	\$15 00
4 to 5 feet	20 00
5 to 6 feet	25 00
RED LEAF JAPAN MAPLE. VAR. ATROPURPUREUM. (D.) This is the red-leaved	
Maple which is so popular for lawn planting, Each	Per 10
Maple which is so popular for lawn planting, Each 1½ to 2 feet	\$12 50
2 to 2½ feet	17 50
	22 50
2½ to 3 feet	
3 to 4 feet	35 00

Betula. The Birches

The Birches are distinguished for their elegant, graceful appearance, slender branches, light airy foliage, and for the silvery white bark of some of the species. They endure a wide range of climatic conditions, and thrive not only in moist locations, but do well even in high, dry or stony places. Are good for natural plantings, also for lawn trees. The white-barked varieties make splendid contrasts when planted in connection with evergreens.

The second of the second contracts when plants	a m connection with creasuremen	
AMERICAN WHITE BIRCH. BETULA P.		
that is very ornamental and valuable for lar		
6 to 8 feet		\$10 00
8 to 10 feet	2 00	15 00
DITTO O DELLA CONTRACTOR DELLA CONTRACTO		

EUROPEAN WHITE BIRCH. Betula Alba. (M.) A quick-growing tree that after a few years assumes a somewhat pendulous nature. The white bark, which is more conspicuous in older trees, is a dainty touch to the surrounding greens of the landscape.

5 to 6 feet	\$1 00 \$ 7 50 1 25 10 00
PYRAMIDAL WHITE BIRCH. VAR. FASTIGIATA. silvery white bark. Very distinct and quite rare. 5 to 6 feet. 8 to 10 feet.	(M.) Of slender, erect habit, with Each Per 10 \$1 25 \$10 00

Deciduous Trees

This department includes trees of varieties which drop their leaves in winter. Their uses are manifold, the more important being the beautification of landscape, shade and shelter. No graden or landscape is complete without them. Plant a few of these on your lawn, dooryard or treebank, and you will be surprised how they will increase the value and beauty of your property.

American White Elm

A GOOD SHADE TREE—FINE FOR TREEBANK, PARK AND BOULEVARD PLANTING

									ach	Per	
4 to	o 6	feet.		 	 	 	 		30	\$ 2	25
6 to	s 8	feet.		 	 	 	 ٠.		50	3	
8 t.c	OI C	feet		 	 	 	 	 . \$1	75	12	
I2 to	0 14	feet.		 	 	 	 	 . 2	75	22	
12 to	0 14	feet.		 	 	 		 . 3	25	30	00
		_	-			-	_				

Norway Maple

For general use the finest shade tree in the world. We have yet to find a place where Norway Maples will not thrive, or to find any other tree so satisfactory in growth with such handsome foliage, such splendid rugged frame and trunk. In the nursery these Maples begin to form a round head above a straight, smooth trunk, and as they grow older the head becomes denser and rounder, and the limbs and trunk straight and strong. The branches grow straight horizontally, and the leaves are broad and very green.

They grow fast, their shape is graceful when they are little, and when they are old their foliage is beautiful, and they are thoroughly dependable in all situations. Once established, Maples are good for two hundred years of the finest kind of shade.

Schwedler's Purple Leaf Maple

Another distinct variety of Maple. Has foliage of a deep purple in early spring. This changes through the summer and fall, first to bright light green, which it holds for weeks, and then to gold and red. Very beautiful.

PRICE—Transplants
Each
6 to 8 feet, 3/4 to 1-inch diameter......\$1 25



Abies Concolor (Concolor Fir)

The Catalpas

These are all effective, tropical-looking lawn trees that flower showingly in July. Their leaves are large, glossy and heart-shaped. The long beans of some of the varieties are odd and interesting. They do well in exposed situations and meager soils. Popular in commercial and ornamental plantings. The Catalpas grow rapidly, giving quick results. As an ornamental flowering tree for midsummer they are much admired.

CHINESE CATALPA. CATALPA BUNGEL. (D.) This is the dwarf, round-headed tree, frequently seen and so much admired. It gives the best results when used to produce formal effects. The globular head can be kept more compact and symmetrical by frequent trimming.

	Each	Per 10
Heads I to I 1/2 feet diameter, tree form	1 50	\$12 50
Heads 1 1/2 to 2 feet diameter, tree form	2 00	17 50
Heads 2 to 21/2 feet diameter, tree form		25 00
		30 00
Heads 2 ½ to 3 feet diameter, tree form		

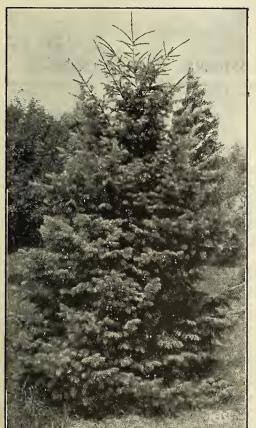
Liriodendron: Tulip Poplar

TULIP TREE, OR TULIP POPLAR. LIRIODENDRON TULIPIFERA. (L.) A grand native tree of rapid growth that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green. It flowers freely in June, producing numerous creamy, yellow, fragrant, tulip-like flowers. Spring planting is perhaps best.

Each Per	IO
	00
½ inches	
½ inches	

ORIENTAL PLANE. PLATANUS ORIENTALIS. (L.) Many writers of the best authority state from experience that this tree comes more nearly filling all the requirements necessary for city planting than any other shade tree. Is hardy, thrives near the seashore and is remarkably free from disease and insect attacks.

8 to 10 to	10 12	feet, I 1 feet, I 3	4 to 1 ½ 2 to 1 ¾ 4 to 2	nchesnches	 $\begin{array}{cccccccccccccccccccccccccccccccccccc$	00 \$ 7 25 10 50 12 00 17	50 00 50 50
12 to	14	feet, 2	to 2½	nches	 3	00 25	00



Abies Douglassi (Douglas Fir)



Picea Excelsa (Norway Spruce)

Salix. The Willows

A large family which embraces varied forms and includes some of our most common and ornamental trees. They are hardy throughout the temperate zone. Willows will grow almost anywhere, and need not necessarily be planted beside streams and waterways, as is commonly supposed.

WEEPING WILLOW. SALIX BABYLONICA. (M.) This is the well-known Weeping Willow, whose long pendulous branches droop so gracefully and sway to the lightest breeze. Makes an admirable shade tree and grows well in wet or dry places.

			Per 10
6 to	8 feet	. 75	\$ 6 00
8 to	IO feet	. 1 00	7 50
12 to	14 feet, 2 to 2½ inches	. 2 00	16 00

GOAT OR PUSSY WILLOW. SALIX CAPREA. (S.) A quick-growing shrub-like tree, which is pretty in the first warm days of spring, with a multitude of small, fur-like catkins along its branches. Good for planting in moist soils or for producing natural effects.

	Each	Per 10
6 to 8 feet	. 75	\$6 00
8 to 10 feet	\$1 00	7 50

Quercus. The Oaks

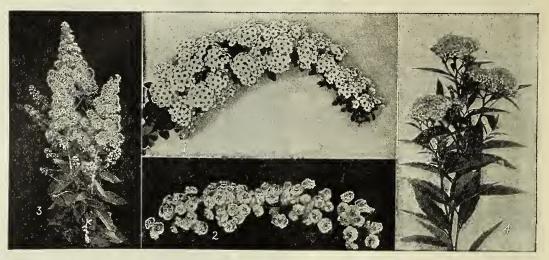
These grand trees, possessing so many virtues, do not grow so slowly as it is often supposed. Their broad spreading heads make them desirable shade trees for lawns, parks, public grounds and avenues. The brilliant autumnal coloring of some species is everywhere commented upon. Most varieties retain their leaves during the winter, serving as a shelter for squirrels and birds.

PIN OAK. QUERCUS PALUSTRIS. (M.) It is the most popular of all Oaks; unsurpassed as lawn specimens; admired for avenues. As the tree grows the branches droop, giving it a peculiarly beautiful and characteristic outline. The leaves are deep green, glossy and finely divided, flaming to orange and scarlet in the fall. This variety transplants more readily than some kinds, and with proper care will grow almost as quickly as a Maple.

6 to 8 feet	\$13 50
8 to 10 feet, 1¼ to 1½ inches	17 50
10 to 12 feet, $1\frac{1}{2}$ to $1\frac{3}{4}$ inches	22 50
12 to 14 feet, 1¾ to 2 inches	27 50
12 to 14 feet, 2 to 2½ inches	35 00
14 to 16 feet, 2½ to 3 inches	40 00
14 to 16 feet, 3 to 4 inches	60 00

Ornamental Flowering Shrubs

The Spireas include a great variation in flower and foliage effects. No. 1 represents the type of flowers produced by the varieties Van Houttei and Reevesiana. No. 2 is the oldfashioned Bridal Wreath. No. 3. Flowers of this type are borne by varieties Billardi, Billardi alba, Douglasi, Salicifolia and Tomentosa. They differ in color. No. 4 represents flowers of varieties Bumalda and Anthony Waterer.



Deutzias

A family of profuse flowering shrubs, that includes both dwarf and tall-growing varieties. The dwarf sorts are suited for planting in the foreground of the shrubbery border, while the upright-growing varieties serve very well in the background.

D. LEMOINEI. LEMOINE'S DEUTZIA. May. A popular bush, with snow-white flowers borne abundantly along the slender branches.

	Each	Per 10	Per 100
I to 1½ feet	. 35	\$2 50	\$20 00
1 ½ to 2 feet	50	3 50	
1/2 00 2 1000111111111111111111111111111		0 00	20 00

Diervilla. The Weigelas

An important group, indispensable for ornamental planting. They thrive in any soil; are strong growers and generally hardy. When young, of upright habit, growing with age into more graceful shrubs. Useful as specimens and desirable for groups or masses. In May or June the Weigelas are aglow with a wealth of flowers borne all along their branches, and some varieties flower sparingly even through the summer.

EVA KAIHKE.	The best rea-nowered kind;		
		Eac	h Per 10
2 to 3 feet			0 \$4 50
3 to 4 feet		6	5 6 00
3 *- 1			

EUONYMUS

EUONYMUS ALATUS. CORK-BARKED EUONYMUS. (M.) This shrub possesses a striking individuality. It is particularly ornamental and interesting on account of its curious corky bark. The small, delicate flowers of late spring are followed by attractive red berries in the fall. It is also valuable on account of its autumn foliage, which is scarlet and favorably commented upon by almost everyone who sees it.

	50	\$4	00
3 to 4 feet	75	6	
4 to 5 feet	00	7	50

FORSYTHIA: GOLDEN BELLS

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright, golden yellow, star-like flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season.

VAR. FORTUNEI. FORTUNE'S FORSYTHIA. handsome, broad, dark green leaves.	(M.)	Erect bran	iches and
	Each	Per 10	Per 100
2 to 3 feet	25 50	\$2 00 3 50	\$14 00 25 00
5 to 6 feet	60	4 50	35 00

Hibiscus Syriacus. Althea or Rose of Sharon

T	O'I	ľU	S	Αl	В	U	S	S	IN	11	PL	E.	X	Ι	_a	rg	e,	S	in	gl	e,	p	ur	e	wl	ıit	te.	Each	Pe	τ ο
			fee fee																									. 30	\$2	50 50
4	to	5	fee	t.										 :						• •								. 50		50 50

Hydrangea

No class of shrubs is better known that the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They transplant easily, have no insect enemies and, with the exception of the Hortensis varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July to September.

GREAT PANICLED HYDRANGEA

H. PANICULATA VAR. GRANDIFLORA. (M.) From July to September there is no shrub more showy than this favorite Hydrangea, whose branches are bent beneath the weight of huge white flower clusters. As the season advances the flower panicles change to tints of pink and finally to bronze. Always dependable.

1 1/2 to 2 feet	• • • • • • • • • • • • • • • • • • • •	Each 25	2 00	\$14 00
2 to 3 feet	Extra bushy, fine stock	35	2 50 3 50	18 00 25 00

LONICERA: HONEYSUCKLE

L. MORROWI. JAPANESE BUSH HONEYSUCKLE. (M.) May. An open bush with crooked branches, dark-green leaves and small white flowers. The red fruit is especially ornamental in August and lasts a long while.

2 to 3 feet		\$2 50	
3 to 4 feet	50	3 50	25 00

Spirea

Indispensable shrubs of easy culture that differ so in size, character and time of bloom that there are varieties suited for almost every purpose. This group includes some of the most popular old-fashioned shrubs. The summer-flowering varieties are particularly valuable because they are attractive when few other shrubs are in flower. All varieties do best in moist, fertile soils and sunny exposures.

VAR. ANTHONY WATERER. (D.) June until frost. Popular on account of its crimson flowers. A beautiful edging and desirable plant at the front of shrubberies or wherever a low bush is required.

S. VAN HOUTTEI. (M.) May. Among the very finest of flowering shrubs. A strong, hardy grower of graceful, drooping habit, with handsome foliage. The profusion of bloom weighs the slender branches and covers the bush with a beautiful canopy of white. Desirable from every standpoint.

	Each	Per 10	Per 100
2 to 3 feet	25	\$2 00	\$15 00
3 to 4 feet		2 50	20 00
3 00 4 100011111111111111111111111111111			

JAPANESE SNOWBALL

VAR. PLICATUM. JAPANESE SNOWBALL. (S.) May. One of the best ornamental shrubs. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves. When a single specimen is wanted there is nothing more attractive. It is just as effective, however, in groups or the shrubbery border.

E:	ach	Per 10						
2 to 3 feet	35	\$2.50						
	40	3 00						
3 to 4 feet								
4 to 5 feet	50	4 00						
5 to 6 feet	75	5 00						
6 to 7 feet	0.0	7 50						
0 to / leet	00	, 00						
Extra-fine husby stock								

HARDY PERENNIAL PLANTS

This class of plants, familiarly known as Old-Fashioned Hardy Garden Flowers has come into public favor in recent years so rapidly as to astonish even the most sanguine enthusiast. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place through out the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day, brings forth something fresh and new.

15 cts. each, \$1.50 per doz., except where noted

ACHILLEA PTARMICA FL. PL. The Pearl. 2 feet. In July at August it is covered with a profusion of small, pure white, double flowers.

ALYSSUM SAXATILE, var. COMPACTUM (Golden Tuft). I foot. One of the brightest spring flowers. Excellent plant for rockery or border. Flat heads of yellow flowers in April and May.

ANEMONE, QUEEN CHARLOTTE. 2 to 3 feet. Aug. to Oct. Le rose-like flowers of beautiful silvery pink. 20 cts. each, \$2 per doz.

AQUILEGIA CALIFORNICA HYBRIDA (Columbine). A beautiful hybrid form. Petals are yellowish, tinted with orange. 2 to 3 feet. May to June.

ARABIS ALPINA (Rock Cress). A very low-spreading plant, completely covered with pure white flowers in April and May. Indispensable for reclarity

BAPTISIA AUSTRALIS (False Indigo). Spikes of dark blue flowers, about 2 feet high in June and July. A splendid, strong-growing plant, with deeply cut foliage. 20 cts. each, \$2 per doz. BAPTISIA AUSTRALIS (False Indigo).

BOLTONIA ASTEROIDES. 5 feet. In their season the Boltonias are one of our showiest herbaceous plants. but bloom earlier and more profusely. White. August to September.

CAMPANULA MEDIUM (Canterbury Bells). May and June. 3 feet. Large bells in panicles in shades of blue, pink and white.

COREOPSIS LANCEOLATA GRANDIFLORA. 3 feet. June to September. One of the most popular hardy plants. The flowers are a rich golden-yellow and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and

Hardy Pompon Chrysanthemums

These beautiful hardy sorts are indispensable in the hardy border. Their bright colors give life to the garden during October and November, when most other plants have been destroyed by frost. They grow 18 to 24 inches high.

Prices of all varieties, unless otherwise noted, 15 cts. each, \$1.50 per doz.

Arabella. Rich reddish purple. Barney. Bronze-white; midsea-

Blushing Bride. White, shaded coral; midseason. Boston. Copper yellow.

Danizula. Rosy pink.

Dawn. White; suffused pink. Dundee. Garnet.

Fashion. Double; white. Fremy. Copper-colored.

Gold Nugget. Golden yellow.

Hindu. White, shaded with yellow.

Jerry. Double; white. Julia Legravere. Rich garnet.

Terra-cotta. 25 cts. Kadar. each, \$2.50 per doz.

Lady Smith. White, tinged with

Largretto. Rosy pink; late. 25 cts. each, \$2.50 per doz.

May Suydam. Large; old-gold.

Mrs. Vincent. Early; white.

Patterson. Yellow.

Pettilant. Pale vellow.

Queen of Whites. Double flow-

Rosenante. Pale pink. Sir Walter Raleigh. Red.

St. Illoria. Pale pink.

Sunset. Red, changing to yellow. Tennyson. Clear yellow.

Trojan. Maroon.

DIANTHUS BARBATUS. 1½ to 2 feet. The perennial garden is not complete without some of these attractive old-fashioned plants. In May and June they flower in clusters of red, pink, white and many pretty variations.

DIGITALIS GLOXINIAEFLORA. Familiar old-fashioned plants that grow 3 to 4 feet high and flower in June. Assorted colors of rose, purple and white, beautifully spotted.

GAILLARDIA GRANDIFLORA (Blanket Flower). 2 feet. This plant is at home in any soil, and has qualities that make it a leader among herbaceous plants. Good for cutting. Its gorgeous colorings of scarlet crimson and vermilion stand out in a bright, attractive way when planted among other perennials in the border. Flowers continuously from June until frost

GYPSOPHILA PANICULATA. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. It forms a symmetrical mass, 2 to 3 feet in height, and as much through; of minute, pure white flowers, having a beautiful, gauze-like appearance. For cutting purposes it is exquisite. August and September.

MELENIUM, RIVERTON BEAUTY. 3 to 4 feet. Flowers lemonyellow, with a large, purplish black cone. August to October. 25 cts. each, \$2.50 per doz.

Hollyhocks

Everyone knows these old garden plants. We have them in various colors; they make beautiful perennial hedges and backgrounds for other plants. In colonies about house foundations and in garden corners they scarcely have an equal. All varieties, 20 cts. each, \$1.50 per doz.

DOUBLE-FLOWERING HOLLYHOCKS. Very perfect in form and preferred by most planters. We offer them in colors: red, pink, white, rose, yellow and maroon.

ALLEGHENY HOLLYHOCKS. This is a separate strain, with very large flowers, having fringed petals and come in varied colors that are most

SINGLE-FLOWERING HOLLYHOCKS. Some still prefer this type, which we offer in assorted colors.

Japanese Iris

Order by Name or Number

All varieties of Japanese Iris, 25 cts. each, \$2.50 per doz.

- 3 KUMONA-NO-SORA. White; purple veins.
- 12 KOK-NO-IRO. Large; royal purple.
- O-YODO. Rich purple.
- KUMA-FUNJIN. Silvery white, margined with magenta-lilac.
- KIMI-NO-NEGUMI. Standards dark blue, edged with white; falls white.
- 35 SHISHI-ODORI. Purple.
- TORA-ODORI. Light blue, yellow center; standards various shades of blue; six petals.
- DATE-DOGU. Lavender, shading to white toward the center;

German Iris

All varieties, 15 cts. each, \$1.50 per doz.

ADONIS. A deep blue: fine, and earliest to flower.

BLUE SKY. Standards faint lavender; falls yellow and purple.

CHARLOTTE PATTY. Standards golden yellow; falls lightly veined

FAIRY QUEEN. Late flowering; white; falls veined with blue.

GARRICK. Standards delicate light blue; falls dark violet. A lateblooming variety.

GRACINE. Standards lemon-yellow; falls purplish, veined with white; very handsome.

LEOPOLD. Bronze; falls veined with maroon.

MADAME DE BONNE. Pure yellow.

MADAME DE BRABANT. Standards lavender; falls purple. Late blooming.

REINE DE PAYS. Standards saffron-yellow; falls carmine-maroon, lightly veined.

Hardy Phlox

Among hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, flowering from July to October, and while they will continue in good condition and flower for many years without attention, yet they respond quickly to and are improved by liberal cultivation. Named varieties, early and late, growing 18 to 36 inches high.

PHYSOSTEGIA VIRGINICA. 3 feet. A splendid summer-flowering perennial, with long spikes of showy, soft, pink flowers, valued for bouquets.

PLATYCODON GRANDIFLORA (Balloon Flower, or Chinese Bellflower). 2 feet. The attractive blue flowers are cup-shaped. Blooms during the entire summer and is useful for the front of the border.

RUDBECKIA LACINIATA FL. PL. (Golden Glow). 5 to 6 feet. From July to September the tall stems are aglow with golden-yellow, dahlia-like flowers.

STATICE LATIFOLIA (Sea Lavender). Great, airy panicles of lavender-colored flowers all summer. A dwarf plant, with flower spikes about 18 inches high.

STOKESIA CYANEA (Cornflower Aster). 1½ to 2 feet. This perennial is esteemed for its all-round good qualities. Grows very vigorously; has large, blue, aster-like flowers, which measure 1½ to 2 inches across. August and September.

Any of above 15c each, \$1.50 doz.

INSECTICIDES, FUNGICIDES, ETC.

Aphine

A powerful insecticide, but does not affect the most tender growths. Mix one part of Aphine to forty parts of water for use. 1/4 pt. 25 cts., 1/2 pt. 40 cts., pt. 65 cts., qt. \$1, gal. \$2.50.

Arsenate of Lead

Popular remedy for use against all eating insects that attack foliage and fruit trees. Use 2 or 3 pounds to 50 gallons of water. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.75, 50 lbs. \$7, 100 lbs. \$12.

"Black Leaf 40"

A concentrated solution of nicotine sulphate. Active ingredient, nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against green and rosy apple, aphis, pear psylla, hop louse, etc., I fluid ounce "Black Leaf 40" to 8 gallons water. Against black aphis, wooly aphis, I fluid ounce "Black Leaf 40" to 6 gallons water. Add soap as follows: One pound of fish oil soap to each 30 gallons water, which lessens formation of drops and gives better penetration. Dissolve the soap in the water before adding "Black Leaf 40." Keep solution well stirred while spraying. Full directions for all uses on each bottle. Oz. bottle 25 cts.

Bordeaux-Arsenate

This is a combination of arsenate of lead and bordeaux mixture. Its use combines an application of fungicide and insecticide at one time. A pound dissolves with 5 gallons of water. It sticks to the foliage and will not wash off for a long period. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.25, 50 lbs. \$7, 100 lbs. \$12.

Bug Death

A nonpoisonous powder, extensively used for cabbage and tomato worms, potato and cucumber bugs, etc. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts., 12½ lbs. \$1, 100 lbs. \$7.50.

Fungine

An infallible fungicide for destroying mildew, rust, bench rot, etc. ½ pt. 30 cts., pt. 50 cts., qt. 75 cts., gal. \$2.

Lime Sulphur (Dry Powder Form) B. T. S.

Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water; dulute 1 pound to 6 gallons of water; does not separate; keeps indefinitely. Lb. 25 cts., 5 lbs. \$1.15, 10 lbs. \$1.50, 25 lbs. \$3.25, 50 lbs. \$5, 100 lbs. \$8.

Lime-Sulphur Solution

For San Jose Scale. Gallon dilutes 12 to 15 gallons of water. Qt. 30 cts., gal. \$1,5-gal. can \$2.25, 10 gals. \$3.75, half bbl., about 30 gals. 25 cts. per gal., bbl., about 50 gals., 20 cts. per gal.

Paris Green

Unexcelled for the destruction of potato bugs and other insects that eat foliage. $\frac{1}{2}$ lb. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 5 lbs. \$1.90, 14 lbs. \$5. (Liable to fluctuate in price.)

Calphine

A sanitary cleanser, disinfectant and germicide, for poultry, flies, ants, roaches, cellars and musty places, kennals, etc. The best article ever used. Send for circular. PRICES: Per can 15 cts., postpaid 20 cts. IN BULK, 25 lbs. \$3, 50 lbs. \$5, 100 lbs. \$9.

Kerosene Emulsion

For plant lice of any kind, cabbage worm, scale insects on apple, pear and other trees. Qt. 40 cts., gal. \$1, 5 gals. \$4.

Slug-Shot, Hammond's

Guaranteed to destroy potato bugs and those on tomato and egg-plants, currant worms, cabbage lice and worms. 1-lb. shaker box 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$6.

Tobacco Dust

If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects. 1-lb. shaker box 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$3.50.

Tobacco Stems

For fumigating plants and destroying insects in hothouses, etc. In bales of 100 lbs. \$1.75.

Tree-Tanglefoot

A perfect safeguard for trees and shrubs against gypsy and browntail moths and other creeping insects. Lb. 30 cts., 3 lbs. 85 cts., 10 lbs. \$2.65, 20 lbs. \$4.80.

Whale Oil Soap

Caustic soft soap. ½ lb. 10 cts., ½ lb. 15 cts., lb. 20 cts., 5 lbs. 75 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5, bbl. of about 425 lbs. \$17.

Bordeaux Mixture

For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungous diseases. Lb. box 20 cts., 5 lbs. 75 cts., makes 25 gallons spray; 10 lbs. \$1.25, makes 50 gallons spray; 25-lb. box \$3, makes 125 gallons.

Fly Chaser

The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Qt. 35 cts., gal. \$1, 5 gals. \$4.

Weed Killer

For killing weeds in walks and drives. Qt. 35 cts., gal. \$1, 5 gals. \$4, 10 gals. \$7.50.

HIGH-GRADE FERTILIZERS PRICES SUBJECT TO MARKET CHANGES

Ashes, Canada Wood, Unleached

For lawns, gardens and fruits, hardwood ashes are unequaled; they supply natural plant food, permanently enriching the soil. Apply 3,000 pounds to the acre. Bbl., about 200 lbs. \$3, ton (2,000 lbs.) in bbls. \$25.

Bone, Ground

A little coarser than the above; suitable for general purposes. 100 lbs. \$3, 200 lbs. \$5.50, ton \$45.

Bone Meal (Flour)

This is a very pure, finely pulverized form of ground bone, especially prepared for rose-culture, top-dressing for lawns, and for potted plants. Lb. 10 cts., 10 lbs. 50 cts., 100 lbs. \$2.50, 200-lb. bag \$4.50, ton \$36.

Holmes' Plant Food

Very effective, clean and easily applied. Pkg. 15 cts., 4 pkgs. 50 cts. (by mail, 20 cts. per pkg.).

Lime, Agricultural

Valuable for sweetening sour lands and improves the physical nature of the soil; also renders clay lands more friable. Indispensable for starting alfalfa crops. It is specially prepared for use on the soil and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. For heavy soils use 2,000 to 5,000 pounds to the acre; light, sandy soils, 1,000 to 3,000 pounds to the acre. In bags, ready for use. 100 lbs. \$1, ton \$16.

Moss

Sphagnum. (Dry.) Very useful for mixing in soil for potting. Bale containing about 5 bbls. \$3.50.

Muriate of Potash

A high-grade fertilizer, and one of the best for use, especially for orchard and peach cultivation and as a general stimulator. 100 lbs. \$3.50.

Nitrate of Soda

It is valuable for grain, corn, beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, using 100 to 500 pounds to the acre, mixed with wood ashes. Ab. 10 cts., 5 lbs. 45 cts., 10 lbs. 80 cts., 25 lbs. \$1.75, wood ashes. Lb. 10 ct. 50 lbs. \$3, 100 lbs. \$5.

Rex Humus

A GIFT TO THE WORLD FROM NATURE'S TREASURE-VAULT

It makes things grow beyond all belief. Mix it with the soil in your flower-boxes, flower-pots, flower-beds, garden, and around your trees and shrubbery. Rake it into your lawn. You will be amazed at the results. Rex Humus is a plant-food in highly concentrated form. Nature alone can produce so perfect a fertilizer. Chemical fertilizers are temporary plant stimulators—not soil builders. Their effects are not lasting. Rex Humus is not only a quick stimulant but a permanent plant-food and soil builder. 100 lbs. \$1.50, 200 lbs., in bags \$2.70, 600 lbs., in bags \$7.50, 1,000 lbs., in bags \$10, 2,000 lbs., in bags \$16.

Sheep Manure, Pulverized

Use about one ton to the acre, and apply in the fall or early spring. Excellent as a top-dressing for lawns. Its effect is immediate and lasting. Also valuable for mixing with soil for greenhouse plants, one part of manure os ix parts of soil. When used as a liquid manure, use I pound to 5 gallons of water. 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. \$1.25, 100 lbs. \$2, ton \$35.

Sulphate of Ammonia

Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.50.





The principle of this Cultivator is the same as the principle of the Premo, except that the Erie is equipped with our latest improved hollow-pressed steel standards and has extra high steel frame. The Eric Cultivator is with-out question the best and most perfect type of 5-tooth Cultivator made. Weight 78 lbs. PRICES

With Compound Lever Expander

PREMO ALL STEEL CULTIVATOR

This tool is practical for deep level cultivation, where no furrow is to be thrown either to or from the crop. The lever narrows the Cultivator to 9 inches and expands it to 26 inches. Suitable for use in all kinds of soil and for all kinds of cultivation. Weight 53 lbs.

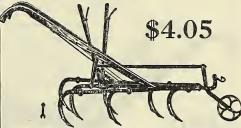
PRICES

2201. As illustrated.

\$2,60 A310. With lever expander and five spring teeth instead of Cultivator teeth. 3 00

No. 7 Sweeps

Premo All Steel 7-Tooth Cultivator



We show here our 7-tooth Premo which is an extension of our 5-tooth Cultivator. These 7-tooth extensions can be ordered with any of our 5-tooth Premo Cultivators and bolted in when wanted.

PRICES

A308. As shown in illustration.... 5-tooth Cultivator . . .



Teeth, No. 4

These Sweeps or Scrapers are used for flat or broad level cultivation. A set consists of three Sweeps, two ro-inch and one 12-inch. Price per set 45 cts.

CULTIVATOR EXTRAS
Outside Handle Braces. Per pair....
Best Horse Hoe Attachments for Unito
Cultivators. Per set...
Common Horse Hoe Attachments for
Unito Cultivators. Per set.
Hilling Attachments for Erie Cultivators.
Per set 15 85 53 35 Wheel for Cultivator with steel 40

Lever wheel for Cultivator with stear standard... Rear Wheel for regulating depth... Five Spring Teeth with blocks complete. Per set of five... Plain Wheels for Cultivators, Harrows... 7-Tooth Extension for Unito Cultivators. Per set......

A Handy Tool for Verv Little Money

PRICES

A314.	As shown in illustration\$2 75
A316.	As shown in illustration with
	braces and steel front wheel
added.	3 20
A318.	Plain Harrow without the lever

Steel Harrow

This is a great tool and will prove itself invaluable to the man who wants to work around small plants. It will pulverize and work up the earth, making a fine mulch on top without throwing dirt on the plants. Can be used as a straight diamond tooth harrow or as a smoother with the sharp points down to cut and the plants. potatoes, etc., injuring growing

Our Premo "Farmers' Friend"

points down to cut and level the surface. The teeth with sheared end down will work over corn,

Weight 55 pounds.

20 30

14-Tooth

without plants. UR PREMO HANDY GARDEN PLOW



wheel, while the height of the handles may be changed by means of the holes in the long standards. The wheels are 18 and 14 inches in diameter and have $\frac{3}{16}$ x $\frac{3}{8}$ -inch oval steel spokes instead of the light, flimsy wire spokes generally used on garden tools.

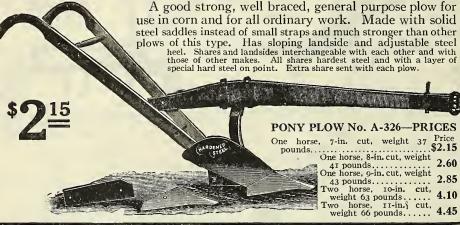
Only the best of stock is used in building Only the best of stock is used in bullding this cultivator, thus insuring against breakage. The rear wheel may be discarded if desired, making single wheel plow. Our Premo Handy Carden Plow we can recommend to do a greater variety of work than any similar tool. Weight 25 pounds.

Price, complete as illustrated \$2.45



Premo All Steel Wood Beam Pony Plow

Just the Thing for Garden Work



Premo Garden Plow and Cultivator



Made of high-grade steel, with oak handles. An easy-running, laborsaving implement, well made and nicely finished. This tool is very inexpensive and will prove to be one of the best investments you could make. It is furnished complete with mouldboard, sweep, reversible shovel, 1½ x 3½ by 11 inches, rake and wrench. Wheel is 24 inches in diameter, with 1¼-inch rims and heavy oval spokes. Weight 19 pounds.

A329. Price, complete.....\$1.90



This is the most popular and useful Cultivator ever invented. It can readily be converted into an "A"-shaped Cultivator, with center tooth in front, a "V"-shaped Cultivator, with center tooth in rear, or a right or left-hand side harrow. Mr. Marcus Jocelyn, Eden, Md., said in his letter of July 20: "I would not take \$25,00 for my Diverse Cultivator if I could not get another." Order one on trial today.

Premo Closed End "U" Bar Steel Harrow



With 30 %-inch teeth. 4.35 **Two Section Harrow**, which cuts 10 feet wide.

With 60 ½-inch teeth. \$8.80 With 60 %-inch teeth...... 9.30

Premo Open End "U" Bar Steel Harrow



Made with five steel "U" Bars in each section and with three cross or connecting bars of 2-inch channel steel. By means of lever attached to each section, the teeth can be given any desired slant. Draw bar and link complete as illustrated, furnished with each double section harrow only. PRICES

One Section Harrow, Cutting 5 Ft. Wide

With 30 1/2-inch teeth, weight 128 pounds. \$4.35 With 30 %-inch teeth, weight 131 pounds.. 4.60 Two Section Harrow, Cutting 10 Ft. Wide With 601/2-inch teeth, weight 250 pounds. \$9.25 With 60 %-inch teeth, weight 263 pounds.. 9.80



Many prefer this type of implement for giving corn and potatoes thorough cultivation. Plow Beams are 1 3/4 x 3/4 inches high-grade Beams are 13/x x 3/4 inches high-grade steel; %-inch round spreader rod. Handles well braced and adjustable. Equipped with special Malta blades, 6 x 11 x 1/4 inches, fastened with two bolts. Beams painted red; handles finished in natural wood and vers natural wood and varnished.

Weight complete, approxi-mately 50 pounds.

Our price each, only \$2.59

This Genuine Steel Frame Double Shovel Cultivator only

.59

F. O. B. Harrisburg

This 5 Tooth Standard Steel Cultivator only 7.91

F. O. B.

Harrisburg

ONLY \$7.89 FOR THIS SPECIAL CLIPPER ONE-HOLE CORN SHELLER

highest grade material thruout and guaran-teed satisfac-tory. This Sheller has a capaci-ty of 15 bushels per hour and sells regularly at \$10.00 each. No better value in a Corn Sheller can be found and if you let us furnish you one of the Clipyou one of the Clipper Shellers at the low price we quote, you are sure to be pleased and satisfied Our special price each, \$7.89 EXTRA

from

Save Money on Corn Shellers Most En ONY

Here is a special bargain in a high-class guaranteed single-hole Corn Sheller, Made by the greatest specialists in the corn-

HOLMES EXPORT HAND CART

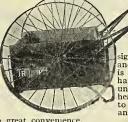


will save many a backache and be found a great Size of box is 20 x 37 x 8 inches.

Weight each, approximately 000 pounds.

HOLMES No. 1 EXPORT HAND CART AS ILLUSTRATED AND DE-SCRIBED, EACH, ONLY. \$6.75

HOLMES TRIUMPH LOW-DOWN HAND CART



Here is a
Hand Cart
specially designed for lawn
and farm use. It
is low-down,
handy to load and
unload where unload where heavy articles are to be transported and will be found

a great convenience.
Platform is 28 x 32 inches; side boards forming box 26 x 26 x 15 inches; steel wheels 36 inches in diameter, with 3-inch rims.
Weight approximately 115 pounds.

OUR SPECIAL PRICE EACH, ONLY.....

HOLMES PREMO POWER WASHER

Here is a special bargain that ought not to be overlooked. It will save its small cost many times over and is made so strong and well that it belief that it is the control of the control



CHMOND TE MASHING NIACHINE

Here is a special balant.

THE TUB. Selected white cedar that will not waterlog, warp or rot, and extra strong flat steel, heavily galvanized and double-riveted hoops are used.

THE DOLLY. New design, with large sweep, built for heavy duty; made from selected, seasoned hardwood and smooth tough pins, well anchored.

THE GEARS. The very best, perfectly fitted and adjusted gears are used and all working parts are enclosed in strong steel covers, so there is absolutely no danger of accident.

THE WRINGER. Celebrated Richmond guaranteed Wringer, with patented safety release for protection against accident, is used; no better Wringer can be found anywhere. These machines are equipped with special balance wheel and hand crank so any time the engine should be out of commission or if belt should break, the machine can be operated easily and the washing will not be delayed.

A few cents' worth of gasoline in our Premo Engine will do the average family washing with this Premo Power Washer, and every machine we send out is fully guaranteed as to quality of material and workmanship. Shipping weight each, approximately 185 pounds.

922.89

OUR SPECIAL PRICE, ONLY.

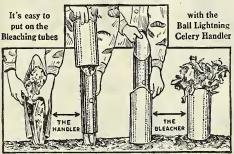
GARDEN TOOLS AND REQUISITES



No. 1 for 3 to 31/2-inch bunches. No. 2 for 4 to 5-inch bunches.



Corn Sheller, Never Fail R. & H.....\$1 28



\$1 98

Price of the Ball Lightning Celery Bleachers

Size Doz. 100 1,000 \times 12... 25 \$1 50 \$13 50 \times 12... 25 \$1 50 \$13 50 \times 13... 30 1 75 15 00 \times 13... 30 1 75 15 00 \times 15... \times 14... 35 2-00 17 50 \times 15... \times 14... 35 2-00 17 50 \times 15... \times 14... 35 2-00 12 lbs.

Celery Tape

1.000 var

Celery Bleacher The greatest invention in years for the Celery grower.

The Ball

Lightning

No Banking with Soil Just out on bleach-

ing tube and in 10 to 14 days you'll have the whitest and most luscious Celery you ever

Write for circular.

The Ball Lightning Celery Handler

A spring brass implement which gathers up the foliage so that the bleaching tubes can be placed without damage to the plant. Price, \$3.50.

dsds.	\$2 00 \$9 75
7	
	Cherry Seeder, Rodman's
	No. 369 cts.

No. 4.....79 cts.



No. 1½ Korn King Each, \$2.49 No. 10. Rapid Grist Mill Each, \$2.79 No. 30. R. & H. Corn Sheller Each, \$1.49 No. 20. Never Fail

Each, 79c

Dandelion and Plantain Puller 36 cts. Dandelion Puller

Dibble Steel points, for transplanting......28 cts.

Dibble All iron................29 cts.

Duster for Slug Shot 4 qts. 35c

Italian	hemp.	len Li Ext	ra qu	ality.
25 feet	• • • • • •			20
50 ft	• • • • •			35
100 feet				60
200 feet				\$1 10
17	G	arden	Line	Reels,

10-inch......\$1 39 Glazing Points, Peerless Nos. 2 and 2½ per 1,000...60 cts.

\(\frac{\text{Grafting Wax}}{\text{1b. 10 cts., \frac{1}{2} lb. 15 cts., lb.}} \)



Grass Edging Knives, American Solid Sockets 4-foot handle.48 cts.

with Stake

Hanging Baskets
Galvanized Wire

18 in., heavy, 70 cts., doz. \$8.
16 in. 40 cts., doz. \$4.50.
12 in. 25 cts., doz. \$2.50.
10 in. 20 cts., doz. \$2.25



Style Depth Width Mower Price No. 10G 20" 18" 12 to 18" \$1 25 No. 12G 22" 22" 16 to 22" 1 50



Socket handle. Draw, or Field. Garden. Long handle.....44 cts. Scuffle. 2½ x 8-in. blades, ...39 cts. Horseradish Graters



Market Stall Horseradish Grater\$9 89



Hose Noz-zles, Gem Spray or Solid stream. 32 cts.



Hose Reels Wood

On wheels with ratchet. \$2.98



4-prong solid shank . . 42 cts. Wheelbarrow, Garden



Bin 26 inches long, 19 inches front width, 22 inches back; 12-inch sides, 134-inch tires......\$3 39



	In.	Ply.		r Ft.
Palisade	1/2	2		cts.
Palisade	$\frac{3}{4}$	2		cts.
Clifton	1/2 3/4	3	8	cts.
Clifton		3	9	cts.
Clifton	1/2	4		½ cts.
Clifton	34	4		cts.
Couplings, per s	set		13	cts.
T	***	. 1		

Hose Washers Per dozen. Hotbed Sash

Clear, white pine. Glazed 10-inch glass, 3 rows. Manufactured of best clear white pine. Size, 3 feet by 6 feet, 1% inches thick.

Price, glazed

Trice, grazed
In lots of 25 or more, packed Each
to a bundle\$3 00
In lots of 5 3 10
In lots of 3 and 4
In lots of 2 3 20
In lots of 1 3 25
Hotbed Mats Doz. Each.







Pruning Saynor's, \$1 and \$1.50. American \$1.

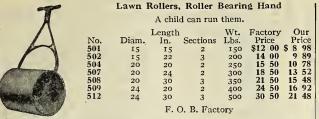
Labels, Painted Wooden Pot 20 1 3 35 50 8-inch..... T2-inch...



Lawn Sprinklers

Peck. 3-arm, \$1.09

HIGHEST QUALITY ONLY GARDEN TOOLS AND REQUISITES



	Lawn	Rol	lers, '	Water	Balla	ıst				Confidence of the same of the
7	Vith (Count	er-Ba	lancing	Weig	hts				11
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iam.	Lgth.			with						
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18	24	1	155	410	555					
24	24	I	180	525						40.0
24	32	I	200	665		20				
18	24	2	175	395	520					
24	32	2	230	650	895	25	50	17	82	





Coldwell Motor Mowers. Write for details and prices.
Coldwell Horse Mowers. Write for details and prices.
Write for prices on Golf Mowers for Putting Greens.

	Lawn Mower														
Orchio	1]	Ba	11	E	le2	ır	in	g	H	igl	h	W	he	el	
	ΙO	-ir	ıc	h.	D	ri	vi	ng	: V	٧h	ee	1			
14-inch 16-inch 18-inch									٠.				\$4	29	
16-inch		٠.			٠.								4	59	
18-inch								• •	٠.	٠.			4	79	



trimming

Coldwell's 8-in cut.... \$4 79

Liquid Measures

Graduated Pint....15 cts. Quart. . . 15 cts. Dry Measures





KII	tenhouse Mole Trap
	e simplest and surest Mole Trap ever invented—self-setting. 72 cts.
	Mastica
	An improved putty.
I	gallon \$1 40
5	gallons\$6 75
	Mastica Machine
	For
	applying putty.
	\$1.25

Mo	ss,	Sp	ha	ıgn	ıuı	m,	, 1	Dr	ie	ed	
rrel	bal	e								.\$1 .\$2	25 50
			_	_	-			_			

Pencils, Indelible 5 cts. and 10 cts. For writing on labels.

	~	Powder Gun, Little Giant
-	and and	\$5.59

		Put	ty	Bul	bs	
						putty.
Each.	 i1					98

Putty, Twemlow's English											
Gallon											
Raffia											

	15 50 25
For tying; natural color. 1 lb	20 90

Saws, Pruning												
Duplex (double edge)												
18-inch												
20-inch\$1												
D 1 4 / 1 41 14)												

Pruning (single edge)
14. 16, 18, 20 and 24-inch 60 cts.,
70 cts., 80 cts., \$1, and \$1.25.



Automatic Self-clean	ing.
22-tooth	49 cts
26-tooth	59 cts
The Gibb. Wire	37 cts
The Ole Oleson	
Curved Oak	
Description of the same of	25

Wooden. Ordinary25 cts.										
Stool										
12-tooth										
14-tooth										
10-tooth										

Reed-Nu-Reed

The genuine Reed is manufactured in Germany, but owing to an em-bargo placed upon them by the German Government, their importa-tion is now possible.

Nu-Reed is a manufactured paper Reed so identical in size and character as to make it a most excellent substitute for the genuine Reed. Sample cards upon application.

No.	1/4 lb.	1/2 lb.	ı lb.
0	30	50	90
1	30	50	90
3	25	45	80
4	25	40	75
6	25	40	· 70
7	20	35	65
8	20	35	65
9	20	35	65
11	20	35	65
4 Yard	s for 1	0 cts.	

						s													
Flower.																	\$1	00	
Vine.	7-in.		,														1	25	
		-	-	-	-	-	-	-	_	-	-	-	-	-	 _	_	_		

Seeders



Seeder No. 3 The Rittenhouse

Formerly sold under the name of "The Little Giant"

pressed tin four-flange, distributing wheel and lathe-centered gearings making it easy running.

Accurate gauge.
Sloping feed board and force—feed steel frame. Handhold and shield. Each 98 cts.

Seeder No. 4 The Rittenhouse



With pruning notch, 8-inch blade, 9-inch blade \$1.75; 10-inch blade \$2.00.

English Hedge							
For tree and heavy hedge	\$2 49						
Lopping, Saynor's							
Tree Pruning, Waters	Pole						
8 ft	\$1 00						
10 ft	1 15						
12 ft							
Pruning							
7 in	75						
8 in							
o in	1 25						
Chan or	_						
Sheep or							
Grass	-						
	The All						

24c and 48c Sickles Extra fine.

Each,	25	cts.	and	40	cts.	

Silkaline

Silkaille							
For Stringing Smilax.							
Spool							
Lb\$1 50							

	Spadi	ng F	orks			
000		والمناون المناد	-	BAM	RIG	Ţ
-				_	, .	
4 t	ines62 cts.	5	tines	37	6 C	ts.
	Spad	es, St	eel			
Ea	ıch			5	9 c	ts.
	S	takes				
	Heavy Ro			ılia		
	Paint	ed gre				
			Do		IC	
3	feet				\$4	
31	2 feet		. 8	38	5	68
	feet			10		50
5 6	feet			25	8	15
6				55	9	80
	11/ 1 D	h m	Ton	:		

Wooden, Round							
Painted green.							
	Doz. 100						
1½ feet	17 \$1 00						
2 feet	28 1 70						
2½ feet	40 2 40						
3 feet	51 3 20						
3½ feet							
4 feet	75 4 80						
4 feet	88 5 60						
Round Dowels							
Unpainted							

Unpainte	d		
Inches	Doz.	10	00
5 x 48	. 20	\$1	00
½ x 48	. 30	1	75
5% x 60		2	50
3/4 x 72	. 50	3	50
Sprinkler, R			
		. \$1	00

Thermometers Copper case. \$1 00 Greenhouse, Tested Register heat and cold. Self-Registering. . . \$3 00 Hotbed, Mushroom, \$1 50 Each. . . 35 Hotbed, Mushroom, 31 50 Each. 35 Doz. \$3 50 Dairy. For testing milk. Incubator. Tested .59 cts. Brooder. Tested .49 cts.

Sheet Steel Trowels



Twine, Jute. For tying.

"Norcross"

Three Sizes Detachable Steel Prongs, Malleable Head, Extra High-Grade Handles "Midget" Weeder. 9-inch handle No. 11 .25 cts. 33 cts. Each 50 cts. Prepaid 60 cts. No. 55 5-prong; 4-foot fandle. Each 75 cts. Prepaid 75 cts.



		Each
Lang's	(A)	 23 cts.
Eureka	(B)	 29 cts.
Excelsion	or (C)	 9 cts.

Perfection Egg Crates

Will outwear a dozen cheap crates. \$1.19 each.

Poultry Markers 25 cts. each

Earthen Flower Pots

Our Earthen Flower Pot stock is very large. We carry a full line of sizes at all times.

Height and						- 0	He	ight and							
width inside	Ea.	Doz.	10		1,00			th inside	Ea.	Do	oz.	10	0	1,000	0
2 in	01	07		50	\$ 3	96	61	ín	07		62	4	80	44 (00
2 1/4 in	01	08		56	4	45	7	in	08		78	. 6	00	55 (00
2½ in	02	09		69	5	45	8	in	11	\$1	09	8	40	77 (
3 in	02	11		88	6	93	9	in	16	1	56	12	00	110 0	
3½ in	02	14	\$ 1	06	8	41	10	in	22	2	11	16	20	148 5	50
4 in	02	18	1	38	10	89	11	in	29	2	81	21	60		
4 1/4 in	03	20	1	56	12	37	12	in	40		90	30			
4½ in	03	24	1	88	14	85	14	in	80	7	80	60	00		
5 in	03	32	2	50	19	80	16 1	and-							
5 ½ in	05	41		13		75		ade \$	1 50	13	50				
6 in	05	49		75		70									

Earthen Bulb Pans

These are fine for planting with bulbs of various kinds or for ferns and other compact

pranto.							
Diam. Inside	Each			Diam. Inside	Each	Doz.	100
6 inches	07	68	\$ 3 75	8 inches	10	98	6 00
7 inches	08	78	4 80	9 inches	15	\$1 30	8 40

Plant Tubs, Flower Pots, Saucers, Etc.

All prices subject to change without notice

Wood-Fiber Saucers

Absolutely waterproof and unbreakable. Plants can be stood on the finest covering of woodwork without damage.

	Each	Doz.	100	1)	Each	Doz.	100
4-inch.	11	\$1 24	\$ 9 27	10-inch	16	1 80	13 50
5-inch.	11	1 27	9 54	12-inch	19	2 16	16 20
6-inch	12	1 32		14-inch.			21 60
7-inch				16-inch		5 04	37 80
				18-inch.	50	5 76	43 20
9-inch	15	1 73	12 96				

Earthenware Saucers

		27442	CII CII II LA	To Duaco			
	Cach	Doz.	100		Each	Doz.	100
4-inch.	02	15		9-inch			4 80
5-inch	03	18	1 40	10-inch.	09	78	6 00
6-inch.	04	24	1 88	II-inch	11	94	7 20
7-inch	05	31	2 40	12-inch.	15	\$1 17	9 00
8-inch	06	47	3 60	14-inch	25	1 95	15 00

"ANCHOR BRAND" CEDAR PLANT TUBS PENNSYLVANIA STYLE Made of Eevrlasting Virginia White Cedar





MacKay Junior The original Self-Regulating, Coal-Burning Colony Brooder. Broods up to 1,000 Chicks in one flock

SHIPPING COOPS FOR POULTRY For chickens, size 3 feet long, 2 feet wide, 1 foot high. \$1.25 each; \$12.00 per doz.

The "Lawn Park" Coop



The run-away or park is pushed inside the coop (telescopes) in cold or stormy weather and, opened or closed, the hen and brood are perfectly sheltered and protected. Each \$2.48.



Incubator Thermometers
50 cts. and 60 cts.
Egg Crates. Humpty
Dumpty. 3 doz. size
30 cts., 6 doz. size 35
cts., 12 doz. size 40 cts. Caponizing Set. Fing, complete \$2.50. Drinking Fountains Keystone Grey Granite r-quart size.....

POULTRY SUPPLIES

THE IRON HEN-MacKay Colony Brooder

The McKay is the original coal-burning, self-regulating Colony Brood-

The McKay is the original coal-burning, self-regulating Colony Brooder, and is made under basic patents.

Its many advantages over oil brooders, its safety and great fuel and labor economy, brooding up to 1,000 chicks in one flock, with only one heater, appealed strongly to the poultry experts and farmers of the country. It soon became very popular and the MacKay has continued to be the preference of all critical poultry raisers who want the Brooder that has passed the longest and most severe tests in practical use.

The MacKay Colony Brooder, with its double heat regulation and cone-shaped deflector, insures the constantly correct temperature required to keep newly hatched baby chicks alive and growing. It has proved its chick-raising superiority on many large and small poultry plants in every part of the country. Write for circular.

MacKay Junior. (Capacity, up to 300 chicks).....\$18 00

No. 1. Size—50-inch deflector. (Capacity, 800 to 1,000 chicks)... 30 00



Mann's Green Bone Mill

Satisfaction Guaranteed

Banner Root Cutter No. 7

This cutter is adapted especially for poultrymen and especially for politrymen and farmers or for suburban residents keeping a flock of chickens. Cuts roots and vegetables into fine chicken feed. Capacity, one bushel in about five minutes. Price \$5.00.



Gape Worm Extractors. Each 25 cts. Grain Sprouters

No. 1. For 25 to 40 hens. \$5 75 No. 2. For 50 to 75 hens. 7 00 No. 3. For 100 to 150 hens. 9 50 No. 4. For 200 to 300 hens. 12 75

Nest Eggs. Each 3 cts., doz. 25 cts. Hoppers. Each \$1 and \$1.50.

Leg Bands Doz. 60 \$1.00 Celluloid 20

POULTRY FOODS

Holmes' Premo Feed

ONCE USED, ALWAYS USED

Premo Chick Feed. 10 lbs. 40 cts., 25 lbs. \$1,

100 lbs. \$3.50. Premo Mash and Developing Feed. 10 lbs. 35 cts. 25 lbs. 75 cts., 100 lbs. \$2.50.

Premo Scratch Feed. 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. \$2.25. Alfalfa Clover. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.50.

r-gallon size.... 50 Beet Scrap. 6 lbs. 25 cts., 10 lbs. 40 cts., 2-gallon size... \$1 00 50 lbs. \$2, 100 lbs. \$3.50.

Bone Meal, for chicks. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.50, 100 lbs. \$2.50. Charcoal. Fine and coarse. 5 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.

Cut Clover. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.

Dog Cakes, Spratt's. 3 lbs. 25 cts., 6 lbs. 50 cts., 25 lbs. \$1.75.

Grit. Fine, coarse and medium. 5 lbs. 10 cts., 25 lbs. 35 cts., 100 lbs. 75 cts.

Hemp Seed. Lb. 10 cts Kaffir Corn. Lb. 10 cts.

Oyster Shell. Fine, coarse, medium. 5 lbs. 10 cts., 25 lbs. 35 cts., 100 lbs. 75 cts.

Puppy Cakes, Spratt's. 3 lbs. 25 cts., 6 lbs. 50 cts., 25 lbs. \$1.75.

Sunflower Seed. Qt 15 cts., 2 qts. 25 cts. Poultry Panacea (Dr. Hess'). 1½ lbs. 25 cts., 5 lbs. 60 cts., 12 lbs. \$1.25, 25 lbs. \$2.50.

Poultry Regulator, Pratt's. 2 lbs. 25 cts., 4 lbs. 50 cts., 12 lbs. \$1.35, 25 lbs. \$2.60.

Rat Corn. Pkt. 25 cts. and 50 cts. Louse Killer, Hess' & Pratt's. Pkts. 25 cts. and 60 cts.

Roup Remedy, Hess', Pratt's & Conkey's.

25 cts. and 50 cts. Stock Tonic, Hess'. Pkts. 25 cts. and 50 cts. Fur-Sol (write for circular). Bottle 25 cts.



thermometer in position ready to start business.

The PREMO INCUBA

Greatest Incubator Bargain Ever Offered

The solid frame wall of this machine is of clear native woods and inside the machine is a dead air space which acts as a nonconductor of heat and cold and prevents sudden chilling. The insulating board which helps to form this dead air space is backed up on the inside of the machine with heavy asbestos lining;

space is backed up on the inside of the machine with heavy absestos lining; the outside is covered with heavy gauge iron and steel so you don't have to fear the heat will loosen the joints—they are always tight.

All wood used is kiln-dried and the shrink is all taken out of it before it is cut into incubator material. In selecting an incubator these are things you should consider—it must have solid construction, hot water heat, roomy egg chamber, big, well-ventilated chick nursery, and thick, well-insulated walls to retain the heat.

Showing PREMO options of the property of the prop

Showing PREMO Brooder equipped with Thermometer and Self-Regulating Attach-ment. If ordered separately, Price. \$4.70

The PREMO Brooder

Made from heavily galvanized steel and is asbestos lined, which provides an absolutely fireproof and almost indestructible hover for the little chicks. The large heating drum inside

gives plenty of heat and the self-regulating thermostat keeps the temperature just where it should be for best results.

We always recommend the use of the brooder thermometer and thermostat as shown in picture at right, although we will furnish the outfit without these very desirable attachments whenever requested, at a liberal discount from the regular price.

135 Egg Incubator complete, as illustrated and described above, \$ 8.25 135 Chick Brooder complete, as illustrated and described above,

Outfit complete, consisting of 135 egg incubator and 135 chick brooder, as shown and described above, only 10.95

9.95

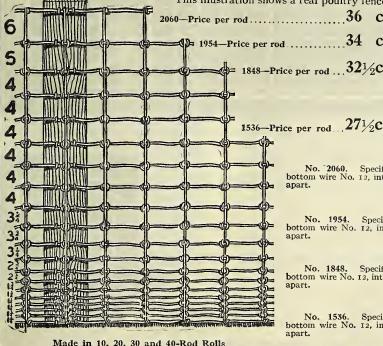
Brooder Thermometer, ...50c Brooder Thermostat,

ordered separately. ordered separately.....



PREMO POULTRY FEN

Everyone knows how short-lived the old-fashioned poultry netting made from No. 19 and No. 20 wire has proven to be and how soon it becomes baggy and broken and how expensive it is to keep in repair or to rebuild.



This illustration shows a real poultry fence made from No. 91/2, No. 12 and No. 14 heavily galvanized wire, that is actually strong enough and substantial enough to serve as a pasture fence for young stock; it makes a permanent poultry fence without the need of being braced up by lumber and closely set posts. We show the spacing of line wires and the number of strand wires used in each different type of fence, and when you consider that this ideal product will last five or six times as long as the ordinary chicken netting you will realize what a splendid bargain it is at the special prices quoted here.

> It is especially adapted for garden, orchard, lawns, poultry yards or barn yards.

> Order what you need and prove its value by actual—we guarantee it fully and you get your money back if you are not satisfied.

> > Top wire No. 91/2,

Top wire No. 91/2,

Stays spaced 8 inches

No. 2060. Specifications-20 bar 60 inches high. bottom wire No. 12, intermediate and stay wires No. 14. apart.

Price, 36 cts. per rod.

No. 1954. Specifications—19 bar 54 inches high. Top wire No. 9½, bottom wire No. 12, intermediate and stay wires No. 14. Stays spaced 8 inches apart.

Price, 34 cts. per rod.

No. 1848. Specifications—18 bar 48 inches high. Top wire No. 9½, bottom wire No. 12, intermediate and stay wires No. 14. Stays spaced 8 inches apart.

Price 321/4 cts. per rod.

No. 1536. Specifications—15 bar 36 inches high. Top wire No. 9½, bottom wire No. 12, intermediate and stay wires No. 14. Stays spaced 8 inches

Price, 271/4 cts. per rod.

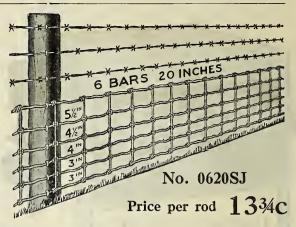
PREMO Hog and Pig FENCE *

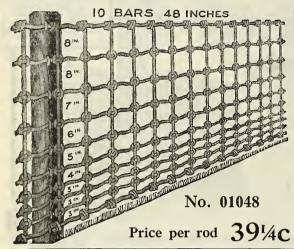
The style shown here is especially adapted for fencing in hog lots, sheep pastures, etc. Can be had in a variety of styles and sizes but in only one grade and that is the BEST, as nothing but genuine, double-heavy galvanized, stiff coil-spring wire, made from open hearth stock is used.

from open hearth stock is used.

No. 0620SJ. Made of four No. 14 line wires, with No. 11 top and bottom wires and No. 14 stay wires, spaced 6 inches apart. Can be had in 20, 30 or 40-rod 133/4 c No. 726. Made of five No. 12 line wires, with two No. 9 wires, one at top and one at bottom, and No. 12 stay wires spaced 12 inches apart. Can be had in 20, 203/4 c No. 832. Made of six No. 12 line wires, two No. 9 wires, one at top and one at bottom, with No. 12 stay wires spaced 12 inches apart. Can be had in 20, 30 or 24c No. 636. Made of four No. 12 line wires, two No. 9 wires, one at top and one at bottom, with No. 12 stay wires spaced 12 inches apart. Can be had in 20, 30 21c or 40-rod rolls. Price per rod.

No. 836. Made of four No. 12 line wires, two No. 9 wires, one at top and one at bottom, with No. 12 stay wires spaced 12 inches apart. Can be had in 20, 30 21c No. 836. Made of six No. 12 line wires and two No. 9 wires, one at top and one at bottom, with No. 12 stay wires spaced 12 inches apart. Can be had in 20, 251/2c





PREMO General Purpose FENCE

No. 942. Made of seven No. 12 line wires, two No. 9 wires, one at top and one at bottom, with No. 12 stiff stay wires spaced 12 inches apart. Can be had in 273/4c

No. 1048. Made of eight No. 12 line wires, two No. 9 wires, one at top and one at bottom, with No. 12 open hearth, stiff coil-spring stay wires, spaced 12 inches 291/2c

No. 1156. Made of nine No. 12 line wires and two No. 9 wires, one at top and one at bottom, with No. 12 stiff steel stay wires spaced 12 inches apart. Can be 33c had in 20, 30 and 40-rod rolls. Price per rod.....

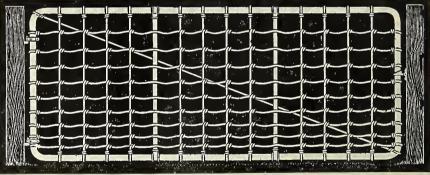
Any of above fences can be had with stiff steel stay wires spaced 6 inches apart instead of 12 inches apart, for a small additional amount as follows:

No. 0620SJ	
No. 0726	
No. 0832	
No. 0942	$35\sqrt[3]{4}$ cts. per rod
No. 01048	
No. 01156	

Premo Perfect Tubular Steel Gate

This is our standard farm gate designed purposely for general farm use. You will find this gate to be as strong and substantial as it is possible to construct a gate.

It is made of the best tubular steel with no loose or plugged joints. It is very strongly braced with one diagonal and two upright braces, and besides being strong and substantial, it is very neat in appearance and will add to the



Style "B" Farm Gate

Style "B" Farm Gate

attractiveness of any piece of property.

We supply free of charge, with each gate, hinges and latches for wooden posts. The Walk Gates are furnished with either plain or scroll top, as may be desired, the illustration showing here very carefully the detail of the construction. We never heard of anyone being disastisfied with this style gate.

Sizes ready for prompt delivery, and prices, as follows:



\$1.80 and up for this style B

STYLE "B" WALK GATES

31/3	or 4	feet	high	x 3½	feet	wide		 	 . .	 	\$1.80
4	or 4½	feet	high	x 4	feet	wide	 .	 	 	 /	2.00
	The a										
	Ornan	nent	al ton	etvilo	RR	50 cte	OTTES				

PRICE OF STYLE "B" DRIVE GATES

4	or	41/2	feet	high	x	6 feet	wide	\$2.85
4	or	11/2	feet	high	x	8 feet	wide	3.15
4	or	11/2	feet	high	x	ro feet	wide	3.40
4	or	41/2	feet	high	x	12 feet	wide	3.95
4	or	41/2	feet	high	x	14 feet	wide	4.45
4	or	41/2	feet	high	x	16 feet	wide	5.05



and up for this \$2.30



PREMO RUBBERCOTE ROOFING

Best Long-Fibre Felt, Saturated With Genuine Asphalt and Mineral Rubber

You can't buy a better roof anywhere for anything like the small price quoted here. This is a smooth surface roofing that won't shrink or crack with weather changes and it won't soften under the sun. It never leaks and is a wind and storm defier of the first

Fireproof-Waterproof-Acidproof and Vaporproof

The base of this roofing is genuine all-wool felt, carefully tested to see that the fibres are long and tough and that it is of uniform thickness; this felt is thoroughly saturated with a carefully prepared mixture of hot asphalt and mineral rubber; then it is sent to the compressing machines and heavy rollers put on the asphalt coating.

Made in Four Weights

Light weight, 25 lbs. to the roll of 108 square feet, measuring 32 inches wide and 40 feet 6 inches long. Per roll only.

Medium Weight, 35 lbs. to the roll of 108 square feet, measuring 32 inches wide and 40 feet 6 inches long. Per roll only.

Heavy Weight, 45 lbs. to the roll of 108 square feet, measuring 32 inches wide and 40 feet 6 inches long. Per roll only.

1 50

Extra Heavy Weight, 55 lbs. to the roll of 108 square feet, measuring 32 inches wide and 40 feet 6 inches long. Per roll only.

Galvanized Nails, Cement and full directions sent with each roll

PREMO FLINTCOTE ROOFING

A REMARKABLE ROOFING AT A REMARKABLE PRICE

Double-coated, with flint and good body all the way through. The base of this roofing is honest long fibre, carefully inspected all-wool felt, which is thoroughly saturated with genuine asphalt. No oil and no tar are used. For every ounce of oil that goes into a prepared roofing, years come off of its wear; for every bit of tar used, fire danger is greatly increased; for every particle of straw or sawdust that goes in with the felt a fault will develop sooner or later. We positively guarantee this Double Flint Coat Roofing to be free from oil, tar and sawdust—in fact it is a good honest roofing all the way through and you will find it an extremely easy roofing to lay because it is so pliable and not hard and stiff like some roofings you may have seen.

This Flint Coat Roofing is built to withstand every storm, and neither acids, water, freezing, thawing, hot sun or winds can possibly affect it.

Made in four weights and put up in rolls of 108 square feet, each measuring 32 inches wide and 40 feet 6 inches long.

Light Weight, 50 lbs. to the roll. Price per roll	LU	•
Medium Weight, 60 lbs. to the roll. Price per roll.	1 30)
Heavy Weight, 70 lbs. to the roll. Price per roll.	1 60	0
Extra Heavy Weight, 80 lbs. to the roll. Price per roll	1 90	0
Galvanized Nails, Cement and full directions sent with each	roll	





PREMO DIAMONDCOTE ROOF

Beautiful, gray, diamond-dusted surface—never grows dim-20 years of wear without painting. Here is a handsome, everlasting roof, fine enough for residences or public buildings and yet so inexpensive as to satisfy anyone who wants a positively permanent and a good looking roof. If you think of Diamond Coat Roofing as one of those plain, unattractive prepared roofings with which the market has been flooded, please, for your own sake and ours, let us send you a free sample.

Hundreds of our customers who had never considered using Prepared Roofing, and selected Diamond Coat after seeing what it really is, write us that they have the handsomest roof in

Diamond Coat after seeing what the neighborhood.

The surface is absolutely permanent—it won't loosen and blow away—it won't wash out or run under the heaviest rain or the hottest sun. It stubbornly resists every destructive element in nature; time only seems to add richness to its sheen, only seems to enhance its seems because the output of the control of the con

element in nature; time only seems to add richness to its sheen, only seems to enhance its unusual beauty.

If you want a roof that is absolutely the best that money can buy; if you want a roof for a lifetime of surface and satisfaction, by all means select this Diamond Coat in the weight that meets your need. We guarantee it to be without a peer in the roofing world regardless of price. Made in three weights, put up in rolls of 108 square feet, each measuring 32 inches wide and 40 feet 6 inches long.

Medium Weight, 46 lbs. to the roll. Price per roll, only.... 200Heavy Weight, 58 lbs. to the roll. Price per roll, only.....

Extra Heavy Weight, 70 lbs. to the roll. Price per roll, only..... Galvanized Nails, Cement and full directions sent with each roll



You can put PREMO Wallboard over your old plaster walls. NO MUSS and NO DIRT

Premo Moistureproof Wallboard

A Wall that Beats Lath and Plaster at Half the Cost

Wallboard is fast doing away with the use of mussy old-fashioned plaster, with its continual cracking, falling and bother. Millions of square feet of this new building material are now sold every year and today it is being demanded even in the finest homes. It is so convenient and so easy to apply that anyone who can saw and drive nails can put it on.

Can be applied any time of the year, winter or summer; is not affected by heat or cold, never warps, shrinks or cracks, will stand for years just as perfectly as the day you put it on your walls,

No More Falling Plaster—No More Cracked Walls

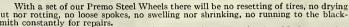
Plaster attracts and holds moisture, loosens from the lath, then cracks and falls. Defects in material, settling of buildings, water leaks, vibration and other causes all make plaster a source of continual trouble, especially in new buildings.

You have none of these annoyances when you use our wallboard; it is moistureproof, positively will not shrink, is sound deadening, heat and coldproof and never cracks, slips or falls.

Made in three surfaces—plain gray, plain tan and grained, like genuine quarter sawed oak.
Can be had in 32-inch and 48-inch widths, and in lengths of 5, 6, 7, 8, 9, 10, 11 and 12 feet. The grained board comes in 32-inch width only.

	Premo Gray Wallboard, per square of 100 square feet\$	2	10
	Premo Tan Wallboard, per square of 100 square feet		
-	Premo Grained Wallboard, per square of 100 square feet	2	50

Be sure to state width and length of sheets wanted.



With a set of our Premo Steel Wheels there will be no resetting of tires, no drying out nor rotting, no loose spokes, no swelling nor shrinking, no running to the black-smith constantly for repairs.

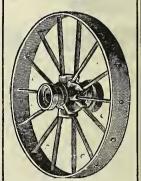
The hubs are made solid and to fit any kind or size of axle. No boxes to become loose. Spokes are oval, wrought steel, fastened securely in tire with a large head and shoulder and cast solid in hub. Tires are wrought steel. We warrant our wheels against either defective workmanship or material, and if they prove defective within one year from date of invoice, we will repair, or replace free of charge at our factory.

Metal wheels can not be returned or exchanged when order is filled correctly, as they are made to order.

Wheels will carry 4,000 pounds, with tires 3%-inch thick, 3 inches wide or wider; 5,000 with 1½-inch tire, 4 inches wide or wider.

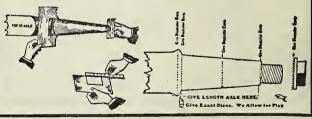
For prices on sizes not listed below see our catalog folder on Farm Machinery. Sent free on request.

4 x 3%-in. Tire Price Weight \$2 56 65 lbs. 2 68 69 lbs. 2 80 76 lbs. 3 05 80 lbs. 3 31 83 lbs. 3x ³/₅-in. Tire Price Weight Price Weight \$2 40 58 lbs. \$2 75 66 lbs. 2 48 61 lbs. \$2 86 69 lbs. 2 68 67 lbs. 3 08 76 lbs. 2 77 70 lbs. 3 19 80 lbs. 2 88 73 lbs. 3 31 83 lbs. 3 16 82 lbs. 3 64 93 lbs. 3 28 84 lbs. 3 76 95 lbs. 4 x ½-in. Tire Price Weight \$2 92 75 lbs. 3 08 80 lbs. 3 23 88 lbs. 3 51 93 lbs. 3 80 97 lbs. 24 in. 26 in. 28 in. 93 97 108 32 in. 34 in. 36 in. 56 72 10 lbs.



Instructions for Measuring Axles

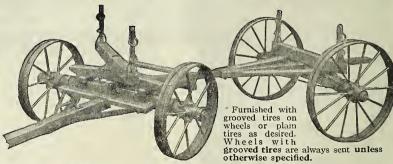
The accompanying diagram will show what dimensions are necessary and how to measure. Remember to give the diameter and not the circumference of skein, and be sure and measure from side to side of spindle, not up and down. Give the exact size of axle, as we make the necessary allowance for play; also give height of wheels wanted, width and thickness of tire. SUGESTIONS—For farm use we recommend from 24 to 28-inch front and 30 to 34-inch rear, with 4-inch by 1/2-inch grooved or plain tire. Prices quoted are for one wheel only with grooved or plain tire. All wheels furnished with grooved tire unless plain tire is specified on order. For tires 1/2-inch thick, add 10 percent to the price of wheels with 1/2-inch tire.



Our Premo Handy Wagon

WILL WORK ON YOUR FARM AND PROVE ITS WORTH EVERY DAY

A low-down handy wagon is today considered a necessity and will pay for itself in a short time. In the spring you can go anywhere on the farm, as the wide tires will not cut in and make ruts as do narrow tires. The gear of this wagon is made of thoroughly seasoned material; the axles are hickory, the rest of the gear oak. Stakes are bound with r-inch strap iron and are 15 inches high. Coupling pole is 9 feet 4 inches, but will furnish 12-foot pole without extra charge when ordered. Skeins on 4,000-pound wagon are 3½ x 10; wagon furnished either narrow or wide track. Be sure to state which is wanted when ordering. Wide track is 5 feet from center to center of tire and distance between stakes is 42 inches. Narrow track is 4 feet 8 inches from center to center of tire and distance between takes from center to center of tire and distance between stakes



						P	RICES-		
Catalog No.	Heigh Wh			apacity with in. Tire	6,000 lbs. C: 4 x ½- Price				t
W310 W311 W312 W313 W314 W315 W316 W317	24 in. 26 in. 28 in. 30 in. 32 in. 34 in. 36 in. 38 in.	30 in. 32 in. 34 in. 36 in. 38 in. 40 in. 42 in. 44 in.	\$22 90 23 20 23 76 24 65 25 52 26 40 27 30 28 16	1 550 590 600 630 678 694 708 756	\$28 16 28 80] 29 04 29 95 30 80 31 70 32 56 33 45	650 700 750 780 820 850 870 900	\$33 45 35 20 37 76 38 75 40 50 42 25 44 00 45 76	750 800 920 940 950 970 990 1,000	t v v v v v v v v v v v v v v v v v v v

EXTRAS

EXTRAS

For tire 5 inches wide, add \$1.45 and 10 percent to weight; for tire 6 inches wide, add \$2.90 and 20 percent to weight. For tire ½-inch thick, add to the price of 4,000-lb. wagon \$1.45 and 10 percent to weight. For tire ½-inch thick, add to the price of wagon with ½-inch tire \$1.45 and 10 percent to weight. Neck yoke, single and double trees, weight 28 lbs., extra \$1.88. Gear brake on 4,000-lb. wagon \$3.20, weight 40 lbs.; on 6,000 and 8,000-lb. wagon \$4.00, weight 60 lbs. Brake, Ratchet and rod to attach to wagon box \$1.00, weight 10 lbs. Stay chains 40 cts., weight 5 lbs.

REMO GASOLINE

HIGH QUALITY-LOW COST SATISFACTION GUARANTEED

These engines are the result of more than 20 years' practical engine building and testing experience. Features of construction that have proven best through most severe tests and a lifetime of service, are embodied in these engines and you are sure to have more real engine satisfaction for

any other line in America.

These engines are so much superior to the average engine sold that we offer any size you need, under our "Money Back if not Satisfied" Guarantee.

POWER On account of the unusual combination of desirable features in construction, more engines than from any others of similar size. We make it a practice to rate our engines conservatively and they will actually deliver from 10 to 15 percent more power than other engines of the same horsepower rating.

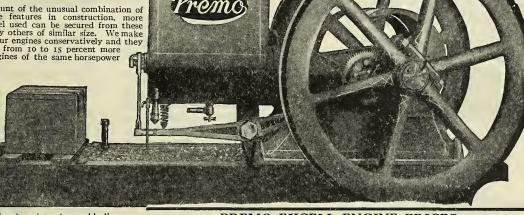
SIMPLICITY

No more simple, posi-tive or dependable gasoline engines have ever been made. Anyone who can read the complete instructions sent with each engine can operate it without any fear of having trouble, delay or ex-pense.

DURA-

DURABILITY
These engines have interchangeable diecast bearings throughout; water-cooled valve cages; big water-circulating space all around cylinder; are absolutely frostproof—guaranteed for life against breakage by freezing; have vertical valves working from below; water-heated intake manifold to make better mixture and increase power and economize fuel; cylinder head, hopper and cylinder are cast all in one piece; there are no gaskets or ioints to leak and lose compression around head or joints to leak and lose compression around head of hopper; make and break ignition in center of cylinder head and a large number of other unusually good features make these engines the most durable, dependable engines you can get anywhere regardless

up the amount you invest than you can get from any



PREMO EXCELL ENGINE PRICES

	CYLINDER Speed			Size		PRICES						
Н. Р.		Stroke Inches	Stroke Rev. per P		of Pulley Inches Weight		On Hand Trucks	Magneto Extra	Kerosene Attach- ment Extra	Friction Clutch Pulley Extra		
2 1/4 3 1/2	4 ½8 4 ¾4	5	500	8 x 6		\$ 39 25	\$44 25	\$ 9 25	\$ 4 50	\$ 9 53		
3/2	5 1/4	0	400 375	10 x 6	,		68 75 97 25	9 25 9 25	6 00 7 00	9 85		
.5 .7	6	8	350		1.200 lbs.		77 23	12 50	10 50	10 33		
9	63/4	9	325	18 x 8	1,600 lbs.	179 50		12 50	12 00	11 64		
12	7 1/2	10	300	20 X 10	2,250 lbs.	228 00		12 50	13 50	17 51		
15	8 1/4	13	275	22 X IO	2,475 lbs.	295 00		13 50	13 50	18 05		

PREMO PORTABLE ENGINES ON HORSE-DRAWN TRUCKS

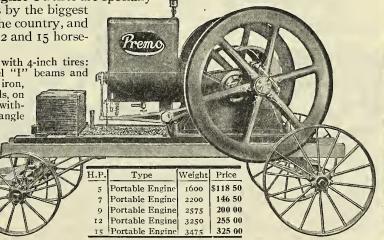
The trucks for Premo Portable Engine Outfits are specially constructed for Premo Excell Engines by the biggest steel wheel and truck manufacturer in the country, and we can furnish these Outfits in 5, 7, 9, 12 and 15 horsepower sizes.

The strong heavy steel wheels are made up with 4-inch tires: axles are tough round steel reinforced with steel "I" beams and the side members are made from strong angle iron, spaced just exactly right so the heavy wood skids, on which all Premo Excell Engines are mounted without extra charge, can drop right down in the angle on each side and holes are drilled at proper

places so lag screws can be turned right into the wood skids, thus holding the engine firmly at any position on the truck it may be desired.

Either shaft for one horse or pole with whiffletrees and neckyoke for two horses can be had. Please state which is wanted.

Built-in magneto, kerosene attachment and friction clutch pulley can be had at the same additions to prices quoted as apply on the stationary engines above.



GUARANTEED

A LIFETIME



This "Big" little engine is one of the best investments you can make. It will pump water for all the stock and for use about the house—will do the chuming, run the washing

house

Buys This PREMO 11/2 H. P. Engine

house—will do the chuming, run the washing machine, turn the cream separator, the grindstone, shell corn, run the fanning mill and any number of other things you now spend time and energy in doing.

You can connect it to a line shaft in your workshop and it will operate a lathe, drill, press, emery wheel, etc. Even if you already have a larger gasoline engine you need this powerful little 'J-H. P. which can be quickly and easily moved from place to place for the doing of the odd jobs and the chores about the place. It is so handy and easy to operate that the women folks will find it a great help every day.

great help every day.

great neip every day. The expense of operating is almost nothing—it is a marvel in fuel economy and you will be surprised to see how much work it will do and how long it will operate on a single gallon of gasoline. It is one of the most sturdy, steady and dependable engines made, and while we rate it only 1½-H. P., it will actually carry 1¾ to 2-H. P. loads readily.

DETAILED DESCRIPTION

Cylinder Bore—3¾ inches; Stroke—4½ inches; Speed—400 to 600 revolutions per minute; Crankshaft Diameter—1¼ inches; Flywheel Weight—43 pounds; Floor Space Required—22 x 45 inches; Size of Double Face Belt Pulley—4 x 3 inches and 2¼ x 1½ inches; the larger of the two faces on this belt pulley is approximately the right size for operating num inches, etc. and the small



Premo Portable Sawing Outfits

These Portable Sawing Outfits are made from the very finest quality of material by the biggest steel wheel and truck manufacturer in the country. They are specially designed for Prone Excell Engines and are built along the same lines of ample proportions and generous measurements that are found in our Portable Engine Trucks.

They give you the utmost satisfaction from the standpoint of durability, economy and ease of operation.

The outfit is complete, ready to start work when it reaches you. Entire saw frame is removable; you can use the truck and engine as a portable for other work whenever you wish and engine can be quickly removed from side members of truck if desired, for stationary workl without disturbing a single adjustment. Either the sliding table or tilting table style of saw



PRICES

SAWING OUTFIT Extra for Belt Extra for Magneto \$ 9 25 12 50 12 50 Tightener

Premo Tilting Wood Saw Frame



This frame is made of carefully selected hard maple and is very firmly braced. The shaft or mandrel is made of 1½-inch cold rolled steel, having 5-inch arbor flange and is turned down at end for saw having 13½-inch arbor habe ing 1 %-inch hole. The balance wheel

The balance wheel is extra heavy, thus furnished with this outfit is 5 inches in diameter and has 6-inch face. Power required to operate it will run from 3 to 10 H. P., depending upon the work to be done, the size of saw used and the kind of timber cut. This saw frame is made in either right or left hand. We will always ship the right hand frames unless otherwise specified.

No. 1. Premo Tilting Wood Saw Frame, as illustrated and described, without saw. \$11.85 Pole Attachment for above saw frame, extra.....\$1.00

Premo Sliding Table Wood & Pole Saw



This is an excellent outfit for general work and we guarantee it to give satisfaction give satisfaction Many people prefer the sliding table to the tilting table and this outfit having a flywheel mounted below the frame gives oppor-tunity for handling

tunity for handling long poles and sticks of timber that can not be handled conveniently on the regular tilting saw frame where flywheel is mounted on same shaft with the saw. The belt passes around an idler pulley to the balance wheelshaft, thus making slippage between flywheel and sawshaft practically impossible and giving the same steady well-balanced motion to the saw that is had where flywheel is mounted on same shaft. This is a very well built and durable outfit and we recommend it heartily.

it heartily.

No. 5. Premo Sliding Table, Wood and
Pole Saw Frame complete, as illustrated and described, without saw, only..... \$19.10

Premo Excell Saw Blades

Premo Excell
Saw Blades are
made from fine
quality steel,
specially tempered, and design
of the tooth is
such as to make it
cut rapidly with a
small amount of
power. All Premo
Saws are sharpened and set ready Excell Premo ened and set ready for use when shipped and every

blade is sold under our money back if not satisfied offer and guaranteed to give absolute satisfaction.

PREMO PUMP JACKS

PREMO PUMP JACKS

These Jacks are just the thing to use in pumping water with Premo Engines. They are made in two styles, one to clamp to the pump standard and the other with a base of its own which fastens to the same platform that carries the pump. They have three different strokes, 5, 7½ and 10 inches, either of which can be thrown into use quickly and easily by means of a pin that connects the pitman shaft to the gear wheel.

They have tight and loose pulleys 12 inches in diameter and suitable for 2-inch belt. This pulley should be driven at 150 to 200 revolutions per minute for best results. You can raise water with a 3-cylinder pump on a 5-inch stroke, 200 feet, on a 7½-inch stroke 150 feet, and on a 10-inch stroke 100 feet.

The No. Uts lack is

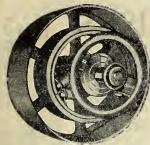
and on a 10-licul strong-feet.

The No. U15 Jack is made to clamp direct to the standard of pump and the No. U16 has a sub-base of its own so it can be used on the floor, wall or

U15 Premo Pump Jack Weight approximately lbs. Price complete,

U16 Premo Pump Jack. Weight ap-proximately 80 lbs. Price complete, only.....\$4 30





A P	TO SHIPS	
Prices on Pulle	eys Suitable orsepower	for 2 1/4 to 9
Diameter of Pulley	6-in. Face	8-in. Face
10-incb	\$10 53	\$11 28
12-inch	11 05	11 93
14-inch	11 64	12 68
16-inch	12 13	13 26
18-inch	12 84	14 14
20-incb	13 56	15 05
22-inch	14 27	15 93
24-inch	15 08	16 94
26-inch	15 96	18 00
28-inch	16 90	19 15

Friction Clutch Pulleys

Friction Clutch Pulleys are much more desirable than plain pulleys and in most cases, especially on the larger size engines, are specified as part of the equipment.

They relieve the engine from the load it bas to carry, so it can be easily started; then by simply pushing on the hand wheel until clutch engages, the load is taken up steadily, or by pulling out this small handwheel, any machinery being operated can be instantly stopped while the engine continues to run.

Prices on Pulleys Suitable for 12 to 15 Horsepower

	iameter Pulley	6-in. Face		8-in. Face		10-in. Face			
1	4-inch 6-inch 8-inch	16	54 03 74 46	18	58 16 04 95	\$17 18 19 20	41		
2 2 2 2	0-inch 2-inch 4-inch 6-inch	18 18 19	17 98 86	19 20 21	83 84 91	21 22 24	55 75 02		
3	8-inch 0-inch 2-inch		80 78 79	24	05 22 42		35 72 12		

Premo Stock Feed Cooker



Our Premo Stock Feed
Cooker is a saver of fuel
and is without an equal for
cooking feed, boiling maple
syrup, rendering lard, heating water for scalding hogs,
picking chick ens., etc.
Jacket is made of heavy
sheet steel and strengthened
at bottom by heavy steel
band. The door is large
and convenient for any kind of fuel. A special castiron flue throws the fire and smoke around the kettle
before it passes into the pipe, thus getting all of the
good out of the heat. Furnished with one joint of pipe,
elbow and damper, as illustrated.

5 00 PRICES

15-gallon\$	5 00	PRICES	
20-gallon	5 95	75-gallon	40
30-gallon		Coal grates, for any size,	
40-gallon	8 67	extra 1	95
55-gallon	10 00	Wood-hinged cover, for any	
65-gallon 1	1 35	size, extra	55
Can also furnish extra kettles	and j	ackets to fit any size kettles. Write for prices.	

Premo Ideal Grinder—For Small Grain



For grinding feed for stock or meal fine enough for table use. No better mill of this size and price has ever been produced. Our Premo Excell 2½-H. P. engine will grind through this mill from 8 to 20 hushels of grain per hour.

Burrs are 5½ inches in diameter, adjustable and made so they can not run together when mill is empty.

Also arranged to protect plates against injury if nails, bolts, stones, or any hard substance gets into the bopper by accident. bopper by accident.

One set of fine plates and one set

PRICE \$7.85 Premo Ideal Feed Mill. Each...... Burrs. Either fine or coarse. Per set (weight 3½ lbs.)

PREMO COB CRUSHER AND FEED GRINDER

This mill is made entirely of iron and steel. Main frame is made in one solid casting, making it impossible for parts to get out of alignment or to get loose or wabbly. Cob crushers are made in sections and built with safety break pin so any foreign substance like wrench or bolts can not possibly do injury to the mill. Bearings are extra long, fitted with large oil wells and babbitted with high-grade habbitt-bearing metal. bearing metal.

wells and babbitted with high-grade habbittbearing metal.

End thrust of burrs is taken up by a special antifriction bearing that will not heat. Plates can be adjusted while mill is running, so feed will be ground to any degree of fineness. Plates are protected by break pin so any hard foreign substance like nails, nuts or bolts getting into the hopper by accident, can not injure them or damage the mill in any way. Burrs can not rub together when hopper runs empty.

Main shaft is tough steel, 114 and 112 inches in diameter. Extra plates can be had for fine or coarse grinding, and the mill comes in 8-inch or 10-inch sizes.

This mill will grind from 10 to 40 bushels of grain per hour, depending upon size of engine used and kind of grain, as well as the fineness of grinding. We recommend our 5-H. P. or our 7-H. P. Unito Excell Gasoline Engine with the 8-inch mill, and our Unito Excell 7-H. P. or 9-H. P. engine with the 10-inch mills.

Premo Excell Cob Crusher and Feed Grinder. 8-inch burrs, weight approximately 250 lbs., with flywheel, only.

Premo Excell Cob Crusher and Feed Grinder. 10-inch burrs, weight approximately 400 lbs., with flywheel, only.

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Premo Excell Cob Crusher and Feed Grinder. 10-inch burrs, weight approximately 400 lbs., with flywheel, only.

Be sure to state whether fine or coarse burrs are wanted, when ordering.

Above Mills are shipped from factory in Southern Wisconsin.

Premo Hand Lever Feed Cutter

The frame is made of hard wood, and the knife of the best tool steel, carefully tempered. When tempered. When lever is raised the throat opens, allow-ing fodder to be moved up to the knife and there is an adjustable gauge to regulate length of cut.



Can also furnish Hand Lever Feed Cutter mounted on four legs. This machine has a slightly larger head and the legs are securely bolted with bottom cross braces.

No. 1000.	With three legs, as shown\$2	15
No. 1001.	With four legs	30

Premo Hand Feed Cutter

Well-braced hardwood frame. Fod-der can be fed into machine in a broad, thin body. Cutting knife is 11½ inches long, of the best tempered tool steel, making a downward shearing cut against a

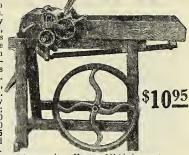
against a hardened cutting edge.

The length of cut is adjustable from ½ to 1½ inches and the knife makes three cuts to one turn of the crank. Capacity per hour, dry fodder, 150 to 200 pounds; green fodder, 300 to 400 pounds. Weight, complete, 165 pounds.

No. 105. Hand Feed Cutter. Price.......\$7 20

PREMO HAND FEED CUTTER

Well-braced frame with No. 107. hardwood mortised and tenon joints. Feed rolls governed by equalizer bar and spring, preventing binding. Has preventing binding. Has two 8½-inch knives made of tempered steel with adjusting screws for setting and holding knives in proper position. Length of cuts ½-inch, ½-inch fodder, 150 to 200 pounds; green fodder, 150 to 200 pounds, green fodder, 300 to 400 pounds. Weight 150 pounds. Price. \$10 95 No. 110. Hand Feed Cutter. Same as No. 107, except larger and has



ting \$2, 28 of 1 inch. Capacity dry fodder, 300 to 400 pounds; green fodder, 600 to 900 pounds. Weight 280 pounds. Price. \$15 40

Cuts 1½ to 4 Tons an Hour According to Kind and Condition of Fodder

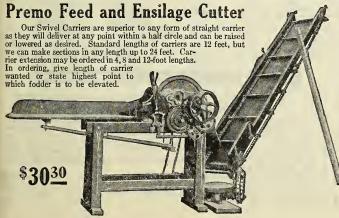
This machine is strongly built, has large capacity and is fully capable of doing the class of work for which it is designed. The illustration shows the feed and ensilage cutter with regular feed table and with swivel carrier. The ladder is not sent along unless ordered extra. Traveling force feed table, 8 feet long, can be furnished for this machine at an extra cost. This consists of traveling apron made of hardwood slats, both ends of which are attached to special chain belting. The apron is stopped or started by the same lever which stops or starts the feed rolls.

All running parts of this feed cutter, except the cutting cylinder, can be stopped or started instantly by means of a safety stop lever. Pressure is controlled by an equalizer lever which is subjected to an even tension spring pressure on machines with regular feed table or to a lever and weight pressure on machines with traveling feed table. This feed cutter, Our No. 513, has four 13-inch knives attached to the knife heads by knife bolts and provided with adjusting screws to regulate each knife with relations to the reversible steel cutting bar with which these machines are furnished. Regular pulley furnished is 12-inch diameter, 6-inch face. The flywheel is our patented friction type, and is large and heavy, giving a steady even motion when operating.

Length of cuts, ½-inch, ½-inch or ¾-inch. By removing two opposite knives, length of cuts may be changed to ½ inch, 1 inch, 1 inch, 1 weight of feed cutter only 520 pounds. Capacity per hour, dry fodder, 1½ to 2 tons; green fodder, 3 to 4 tons. Power required, 2 to 3 horsepower for cutter only; 3 to 4 borsepower for cutter and carrier; speed, 500 revolutions per minute.

No. 513. Premo Feed and Ensilage Cutter, with four 13-inch knives and regular feed table.

No. 513. 12-foot swivel carrier. \$19 55 No.



\$2.60

LADDERS AND TRELLISES AT FACTORY PRICES—NO MIDDLEMEN'S PROFITS Rope and Pulley SINGLE, ROOF AND POINTED FRUIT Extension **LADDERS** Ladder With Heavy Malleable

Iron Automatic Hooks

This is a slight departure from the regular Windlass Extension Ladder, being more convenient, especially on 20 to 40-foot ladders.

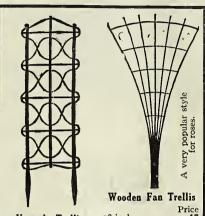
It has automatic books same as the Windlass Extension and is operated by the rope. It can be easily and quickly taken apart and put together.

Prices f. o. b. factory:

20 to 30 ft., per ft. .15 cts. 32 to 40 ft., per ft..16 cts.

Not made in three sections.

Allow 2 feet for lap on ladders 32 feet and under, and 3 feet on ladders over 32 feet.



	Price
Veranda Trellis	18-inch 17
	24-inch 24
Feet Wide Price	30-inch 31
rect wide line	36-inch 57
5—18 in 89	30-inch 31 36-inch 57 42-inch 69
6—18 in 98	48-inch 78
7—18 in\$1 18	60-inch 89
/ 10 111	72-inch\$1 09
8—18 in 1 34	84-inch
0-20 in . 1 62	96-inch 1 54
9 20 11111111111111111111111111111111111	yo men I bi

These Ladders are made of strictly first-class stock, with 1 1/8-inch straight, air-dried stock.

The Pointed Fruit Ladder has a 2-foot point. Ladders measured full length.

The Roof Ladders are made straight throughout the entire length; hooks put on in same manner as on Lightning Rod Ladders, and stay anywhere on the roof they may be placed.

List Prices on Single and Pointed Ladders

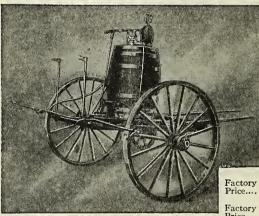
6 and 8 ft., per ft. 9 cts. 10 and 12 ft., per ft. 10 cts. 14 and 16 ft., per ft. 11 cts. 18 ft., per ft......12 cts. 20 ft., per ft. 13 cts. 22 ft., per ft.....14 cts.

For prices on Roof Ladders add 50 cents net each to price of Singles for roof

PUMPS AND **SPRAYERS**

Auto Spray No. 18

A 4-row traction power sprayer especially well adapted for from 5 to 15 acres of potatoes. It can also be used for spraying fruit by disconnecting pump from the wheels and working same by hand. We furnish two handles, one handle so that it can be used with traction attachment for field work and the other so that it can be operated by hand. It is capable of maintaining a pressure of at least 100 pounds with four nozzles. We furnish with this outfit a spray boom that can be adjusted both as to height and width of rows of your planting. It is fitted with our Nonclog Junior Nozzle that absolutely can not clog, also complete with pressure gauge and relief valve. The power is taken from the wheel by a chain-driven jack, which necessitates only one horse.



Four-Row Attachment Factory Price \$10 00; Our

Orchard Attachment Factory Price \$8 00; Our

Complete with Field
Attachment
Factory Price....\$70 00
Our Price...\$54.79

Complete with Orchard Attachment Factory Price....\$68 00 Our Price\$52.79

Auto Compressed-Air Sprayer No. 1

This is without doubt the standard of all Compressed-Air Sprayer No. 1

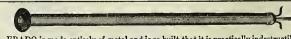
This is without doubt the standard of all Compressed-Air Sprayers. It consists of a 4-gallon reservoir, made of heavy material, either brass or galvanized steel as ordered. It is operated by working an air pump, with which air is compressed on top of the solution. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents. This Sprayer is made of heavy material throughout, and the brass machine which we strongly recommend, is practically indestructible, because it can not be affected by the various spray solutions. No other Sprayer will do such a variety of work, and do it so well. The cut shows the air chamber and reservoir, also auto-pop nozzle.

ERADO is made entirely of metal and is so built that it is practically indestructible.

EXCLUSIVE FEATURES—ERADO KILLS WEEDS

One may use this tool every day without injuring the hands. Refilling is

Factory Price	
Brass tank, with auto-pop nozzle\$7 75	\$5.98
Galvanized steel tank, with pop nozzle	4.79
separately	1.29
2-foot lengths 50	.42



One may use this tool every day without injuring the hands. Refilling is a simple matter. ERADO has two knives which enables the operator to cut off the tops of weeds easily. The knives are fastened in the metal and can not be broken off. The valve spring is heavy bronze and will not be corroded by solutions used for killing weeds. Try Erado. It is guaranteed. If it is not entirely satisfactory you can return this implement for the full purchase price.

Galvanized iron cylinder, brass tip, iron handle. 75
Painted steel cylinder, brass tip, iron handle. 60
Brass-covered cylinder, brass tip, iron handle. 75
Solid brass, with iron handle \$12

\$125

Auto-Spray No. 37C Continuous Sprayer



Will handle all solutions, insecticides and disinfectants. May be used for all plant life, in the greenhouse, kitchen garden, for rose bushes and in the poultry house.

Auto-Spray No.



Fig. 1518

MECHANICAT

Non Clog Jr. SPECIAL FEATURES

Strength, simplicity and balanced constructand balanced construction; a nozzle which DOES NOT and CAN NOT CLOG, and the ONLY CLOGPROOF NOZZLE on a compressed air sprayer, no matter what competitors claim. itors claim.



Factory Price 60c. Our Price.



Auto-Pop No. 1

Automatic and entirely of brass.

Each

Fig.

1542

Fig. 1570

\$1.29

Capacity about 1 quart. Auto-Spray No. 20B, No. 20E

Single-acting hand atomizers. Made from good heavy material and in several styles.

Used as a cheaper machine for the same purposes as the Auto Spray No. 37.

Pump Cylinder No. 22A. 14 inches x 1 3/4 inches diameter. Length over all 20 inches. One jet, tin reservoir.

Pump Cylinder No. 20B, No. 20E. 14 inches x 2 inches diameter.



Holmes' Double Acting Cog Gear Complete Spray Pump Mounted on Outfit Skids with 50-Gallon Barrel and Mechan-ical Agitator Œ

With Brass Valves and Ground Bevel Brass Seats 2-inch Seam-less Brass Removable Cylinder Hemp Packed Plunger

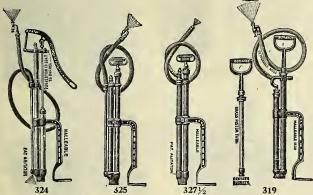
Special Features: Cog Gear Movement, increased leverage adapted for spraying under heavy pressure, mounted complete, occupying smallest possible space. Capacity sufficient for citch regular, wall ledested for correct eight nozzles; well adapted for spray ing potatoes.

PRICE LIST, Fig. 1518

No. R316B. Pump complete as above with pressure gauge, one 15-foot lead, ½-inch 7-ply discharge hose, one Fembro Fig. 1290 charge hose, one Fembro Fig. 1200 nozzle, one 8-foot pipe extension with lever shut-off and mechanical agitator. List Price [Pottle] \$40 00. Our Price....\$26 90 No. R316C. As above with two leads of hose, nozzles and extensions. List Price [Pouch] 45 00. Our Price....\$29 59

Holmes' Lever Bucket, Imperial, Little Giant and Defiance Ny Pumps Detachable Hose—Brass Ball Valves—Patent
Agitator. All Working Parts Brass
Plunger can be withdrawn through Top of Pumps
Bucket Imperial Little Giant Defiance Spray Pumps

Lever Bucket



Myers Bucket Spray Pumps are constructed entirely of brass. They are provided with a large air chamber, brass ball valves and detachable hose. Have patent jet agitator to keep spraying solution thoroughly mixed and agitated and are fitted with malleable foot rest. Especially adapted for small orchards, shrubbery, whitewashing, etc.

PRICE LIST

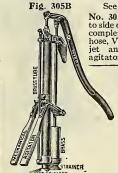
Price
Price
Price
Price
Price
Price
Price

3 09 [Friar] Price 4 00 2 29 No. 319. Myers Defiance, with Vermorel nozzle.

6 00 Bordeaux Nozzle instead of Vermorel, furnished when specified, except on No. 327½ pump. Holmes' O. K. Spray Pump For Hot, Cold or Any Kind of Mixture

Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat. Malleable Iron Handle Fig. 1542 with adjustable malleable base, with two leads of 15 foot 7-ply, ½-lnch hose and two Fembro (Fig. 1290) nozzles. (Without barrel.) Price, each [Prad] \$27.50. Our Price \$16.90.

Holmes' Small Barrel Pump



See illustration No. 305B. Attaches to side of barrel. Price complete with 15-ft. hose, Vermorel nozzle, jet and mechanical agitator, no bbl. \$7.89.

Holmes' O. K. Spray Pump With Malleable Iron Base Mounted Com-plete with Skids and Fifty-Gal-lon Barrel Has Mechanical Agitator, Solid Agitator, Sol Brass Ram Plunger, Ground Bevel Valve and Seat

PRICE LIST Fig. 1570 complete with one lead of 15 feet of 7-ply discharge hose and Fembro nozzle. Price [Prone] \$30.00; our price \$18.59.

Holmes' Handy Portable Sprayer



Fig. 1614 illustrates the Myers Handy Sprayer as made for general use as a handy outfit about the home.

The pump is our regular No. 318B, fitted with cog gear malleable iron handle and mechanical agitator. The pump is securely attached to the tank by means of a clamp connected direct to the channel iron that surrounds the top of the tank held in position by one thumbscrew. The handle can be located at any point desired.

The pump is fitted complete with mechanical agitator, 15 feet of hose and an 8-foot pipe extension in two 4-foot parts, which adapts it for lspraying large trees and also for

large trees and also for use in whitewashing on the inside of low buildings.

The wheel is 16 inches in diameter.

Price List, represented by Fig. 1614

No. R336B. Myers Handy Portable Sprayer, complete as shown in illustration with Mechanical Agitator and Vermorel Nozzle. Factory Price [Puff] \$25.00. Our Price \$15.29.

Holmes' Whitewash, Cold Water Painting Machine and General Purpose Sprayer

With Patent Double Agitator. A Complete and Serviceable Outfit

The tank is made of heavy galvanized iron with a wide bottom, with removable cover which prevents any spilling or splashing of the liquid. Holds 7 gallons.

The pump is our regular No. 324 Bucket Spray Pump, as shown under Fig. 632, fitted with Bordeaux nozzle, brass ball valves, and has both jet and dasher_agitator.

PRICE LIST

No. 329. Fig. 1358 complete as illustrated. Price, each [Pansy] \$11 00

The Binks Compressed Air Pump

Guaranteed 80 Pounds Pressure

Guaranteed 80 Pounds Pressure

Here's what the Binks No. 22 will do—built
to work at and stand a higher pressure. Guaranteed to be of superior quality and construction to
any manufactured. The only sprayer of this
type that will empty its contents in one pumping.
Will spray any insecticide including Bordeaux
mixture, disinfectants or whitewash.
Equipment—Tank is furnished in either
galvanized steel or all brass, a powerful all brass
pump screws into top of tank, thus eliminating
any possible leaking of air. Furnished complete
with three feet discharge hose, spray nozzle,
shut-off cock and shoulder strap, galvanized
tank. Price \$7.80, our price \$5.09.

Same as above, all brass, \$9.70, our price \$6.90.
Shut-off cock in place of regular cock, extra



SUPPLIES

Bottle Brushes



Hand, from . . .

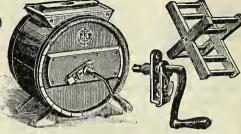
.....15 to 35 cts.

WANTER ZEADED

Iron Clad Butter **Boxes**

	12-10.	DIMES				٠					٠		. P T	UU
	20-lb.	prints			,		. '						. 4	49
	30-lb.	prints		i	i	i	ì						. 4	99
	42-lb.	prints			i								. 5	49
	56-lb.	prints		i	i	ì			ì	ì	ì	ì	. 5	99
ı	80-lb.	prints	•	i	i		Ī.			Ĭ	i		. 6	49
		prints												
	120-lb.													
	120-10.	prints												1

Cedar Cylinder Churn



Double Dasher

Will churn Each 3 gallons \$2 19 4 gallons 2 79 Thumb Screw Lock

Will churn Each No. 3. No. 4. 7 gallons \$3 10 gallons . 3 68

Davis Swing Churn



NOTE—The capacity is twice the amount they churn.

Will	churn	P	rice
No. 1.	4 gallons.	\$0	6 99
No. 2.	5 gallons.		7 29
No. 3.	8 gallons.		
No. 4.	10 gallons.	'	98

Butter Workers



Capacity 50 lbs... Capacity 30 lbs... Capacity 20 lbs... No. 1. No. 2. No. 3. 4. Capacity 10 lbs Larger sizes quoted on application.



Eclipse

MILK KETTLES Strong and Dura-ble—Anti-Rust Tinware

OPENED

Eclipse Caps with patent lift-flap on top; most convenient cap made. A sure "trade getter." Send for sample. 1,000 35 cts., 5,000 \$11.50. We print your name and advertisement on the caps free on orders of 50,000.

Milk Bottle Caps
NOTE.—Our business in caps
more than doubled last year.
Why? Because we sell the
highest grade cap at a less
price than others sell the poorest grade.

Barrel Churn

Barrel Churn, no Dasher, Either Stationary or Fold-ing Stand

Wil	l churn	Price
No. 0.	3 gallons	.\$2 98
No. 1.	4½ gallons.	. 3 37
No. 2.	7 gallons	. 3 79
No. 3.	9 gallons	. 4 42
No. 4.	12 gallons	. 5 19
No. 5.	16 gallons	. 5 98
No. 6.	22 gallons	. 8 27
No. 7.	28 gallons	

 Quart
 68

 2 Quarts
 89

 4 Quarts
 1 19

 6 Quarts
 1 28

 8 Quarts
 1 49

 10 Quarts
 1 88

10 Quarts . 1 88
We also carry
good bargains in
tin pails at half

"S. & S." Beater No. 2

these prices.

Nickel - plate



Holmes' Milk Cans

All our Iron-Clad Cans are made of steel and heavily tinned by the hand-dipping process after they are formed.

NOTE—While the cost of manufacturing these Cans has increased considerably it will be noticed our prices have not been increased.

Iowa Pattern Fig. 623 20 quarts \$2 25 2 75

Butter Printer Pound, complete \$1.49.

The Sturges Steel Churn

Butter making with a Steel Churn is a pleasure and not a drudgery, as the old way has been. Sanitary—Easy to Clean

They are steel—nor a piece of wood about them—will not absorb moisture, so can not become soaked. No seams to open up nor hoops to drop off in the sun. Mounted upon a strong welded steel base that will last a lifetime.

Made in Three Sizes

Factory Our Gal. Gal. Fractory Our Price P ment.

WYANDOTTE CLEANER

Absolutely more of this cleaner used than all others. This is the best proof that it is the best cleanser for dairymen and farmers to use in cleaning cans, buckets, separators, strainers, churns, coolers, cows, the clothes, etc. Full directions for using with each order. 5-lb. bag 25 cts., 80-lb. keg \$3.25, 280-lb. barrel \$8.50.



IT BEATS EVERYTHING!

This handsome, time-saving device is an ideal holiday gift, suitable for any time of the year. It is invaluable to the housekeeper when making the Thanksgiving and Christmas delicacies and in the hot summer months for the cool beaten frostings and whipped desserts. It is in service all the year for omelets, salad dressings, etc. Write for descriptive circular.

No. 1.........\$1 39 No. 2........98 cts.

Milk Bottles Special price on

larger quantity. Dozen Ots. 65c, pts. 55c, ½ pts. 45c.

Gross

Ots. \$6.50, pts. \$5.00, ½ pts. \$4.50.

10 Gross

Ots. \$5.75, pts. \$4.00, ½ pts. \$3.75.



bination

Senitary

glass

rust-proof

50 cts. 12 quarts 65 cts.



Milk Bottle **Baskets**

6-bottle \$1.00 8-bottle





A 10-year-old child can get up speed on this separator and operate it without fatigue. This is due to the perfect cutting of the gears and to the accurate balancing of the bowl. The main gears are constantly bathed in oil, insuring quiet, easy-running and long life. In the Premo Skimming Device there are no hard-to-get-at places to wash. Being made of aluminum you can clean every part as easily as you can wash an aluminum pan. It will not rust or corrode like tin and steel do, neither will butter fat and milk slime stick to it. The frame is sturdy, with sanitary base, which fastens securely to the floor. No dirt can collect underneath the machine. The four legs are braced by a tool and oil-can shelf. The PREMO IR. is made in three sizes, and will be shipped any where on as days' free trial. where on 30 days' free trial.

No. 2—PREMO Jr. CREAM SEPARATOR. Capacity 200 lbs. (about quarts) per hour, for 1 or 2

No. 21—PREMO SEPARATOR. Capacity 250 lbs. (about 120 q'rts) per hour, for 2 or 3

No. 31-PRE MO SEPARATOR. Ca-pacity 350 lbs. (about 160 q'rts) per hour, for 3 to 5

The above illustration shows how the different parts inside the machine fit each other. Notice how simple the construction is-how few parts there are to wear and get out of order and how the driving gear and bearings are constantly bathed in oil. Every part is carefully finished and adjusted so it runs perfectly true-no chance for any dust or dirt to get into the oiltight gear housing.

208 Buys PREM

CREAM SEPARATOR

Capacity 450 to 500 Lbs, of Milk Per Hour

Here is a picture of the machine with parts broken away so you can see just how it looks inside. Notice the vertical shafting and the frictionless pivot ball bearings at the lower end of each—there is practically no wear, which in turn means long life.

no repairs and satisfactory service.

No matter what price you pay, you can't buy a better cream separator than we offer you here in our large size Premo for only \$38.08. This is a machine built especially for the man who wants the best that money can buy, but who don't want to pay a penny extra for needless frills or middlemen's profit. We claim for our No. 4½ Premo that it is a \$75 machine in every way and so it is if any separator ever built is worth that price. Measured by every known standard alongside of separators sold by agents it is nearly worth double the price we quote. So confident are we that you will find this machine better than any other you have ever seen or used, we offer to

than any other you have ever seen or used, we offer to place one of them on your own farm so you can try it 30 days alongside of the highest priced separator in your neighborhood. We want you to compare the two part by part and point by point—then decide. We will abide by your decision.

Note These Good Features

The skimming device is the latest patented easy-cleaning type, made of aluminum—the "everlasting" metal. It won't rust or corrode, and butter fat and milk slime won't stick to it. There are only three parts to the bowl. It produces cream of any thickness desired—does not chop the particles of butter fat nor cause the milk to froth. It skims a smooth, velvety cream of finest quality. THE MILK SUPPLY TANK is low down and seamless, being made of one piece of pressed steel. Milk and cream sponts are open—easily cleaned—bearings are bathed in oil—closed nondrip bottom sanitary frame—vertical gear shafts, frictionless pivot ball bearings and adjustable cream platter. This Premo Cream Separator is one of the most valuable machines you could put on your place. It will more than pay for itself in a year. We recommend this to be the easiest, smoothest running machine on the market, regardless of price.

No. 412—PREMO Sr. CREAM SEPARATOR. Capacity 450 to 500 lbs. (about \$38.08 NO. 512—pacity 550 to 600 lbs. (about \$38.08 NO. 512—PREMO Sr. CREAM SEPARATOR. Capacity 800 lbs. (about 375 to 400 \$47.97 Power pulley for any Premo Sr. Cream Separator to operate with engine, only \$4.90.



